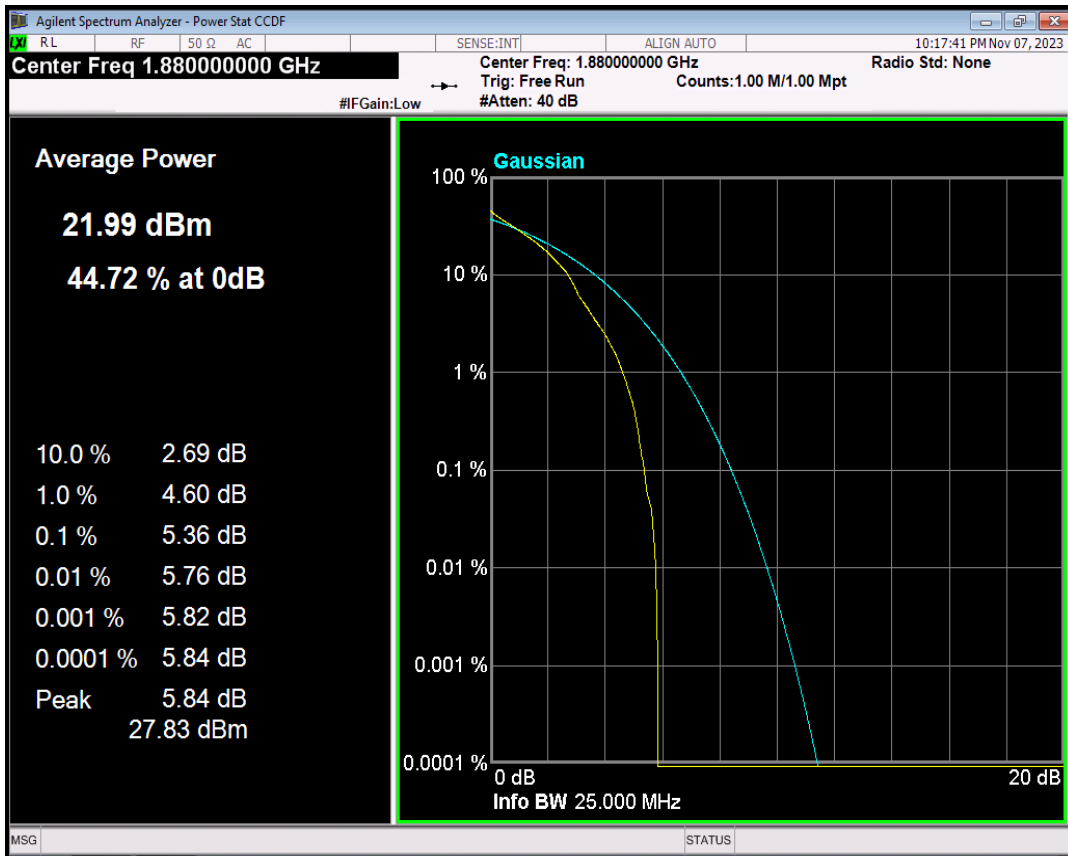
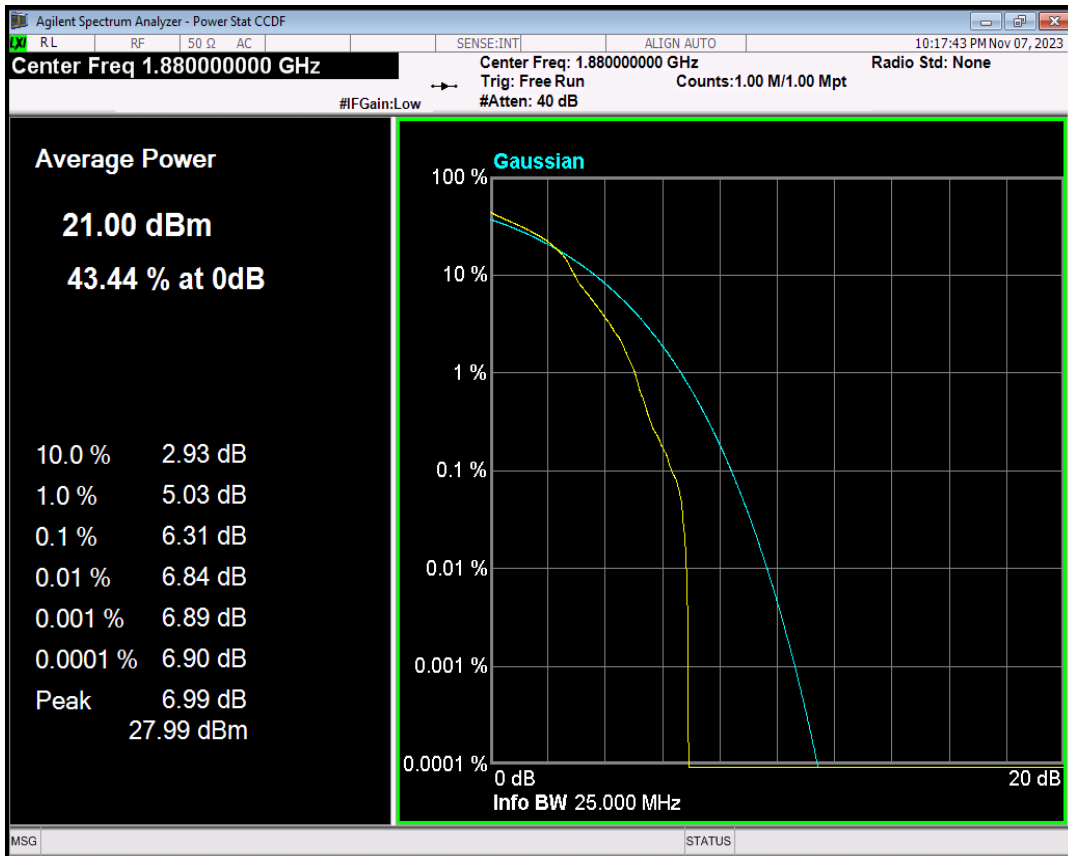


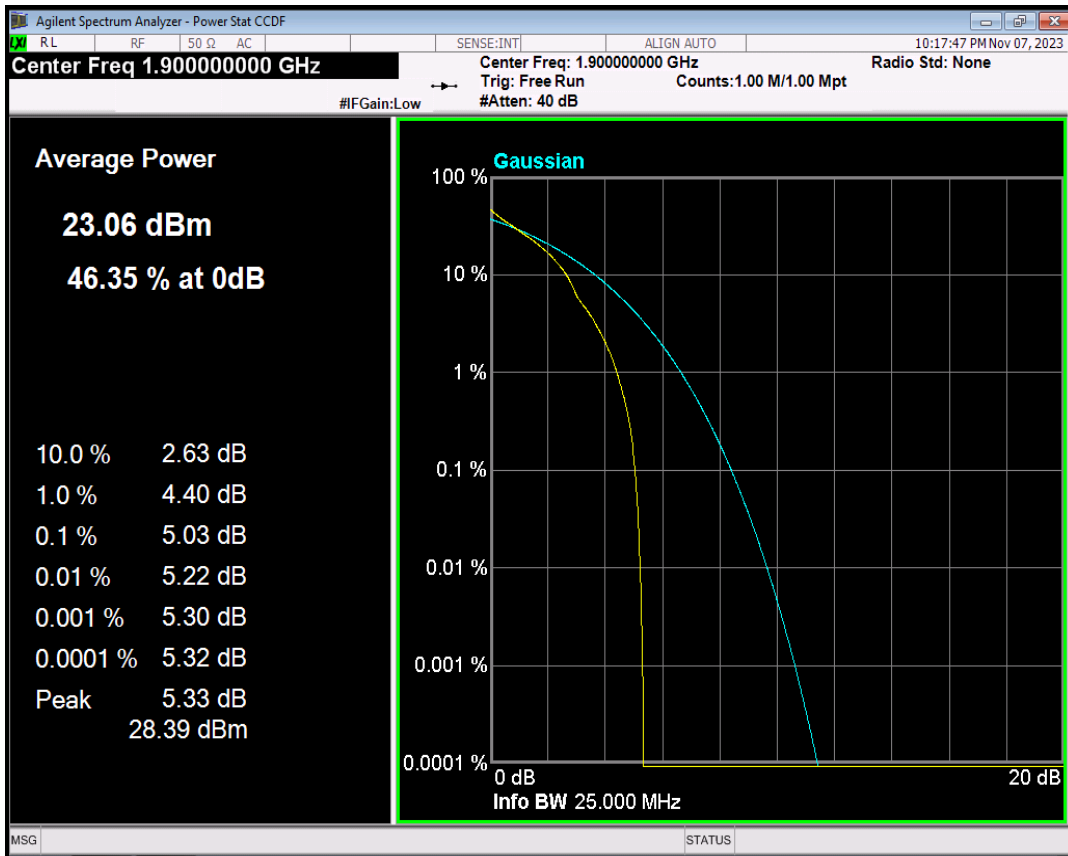
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



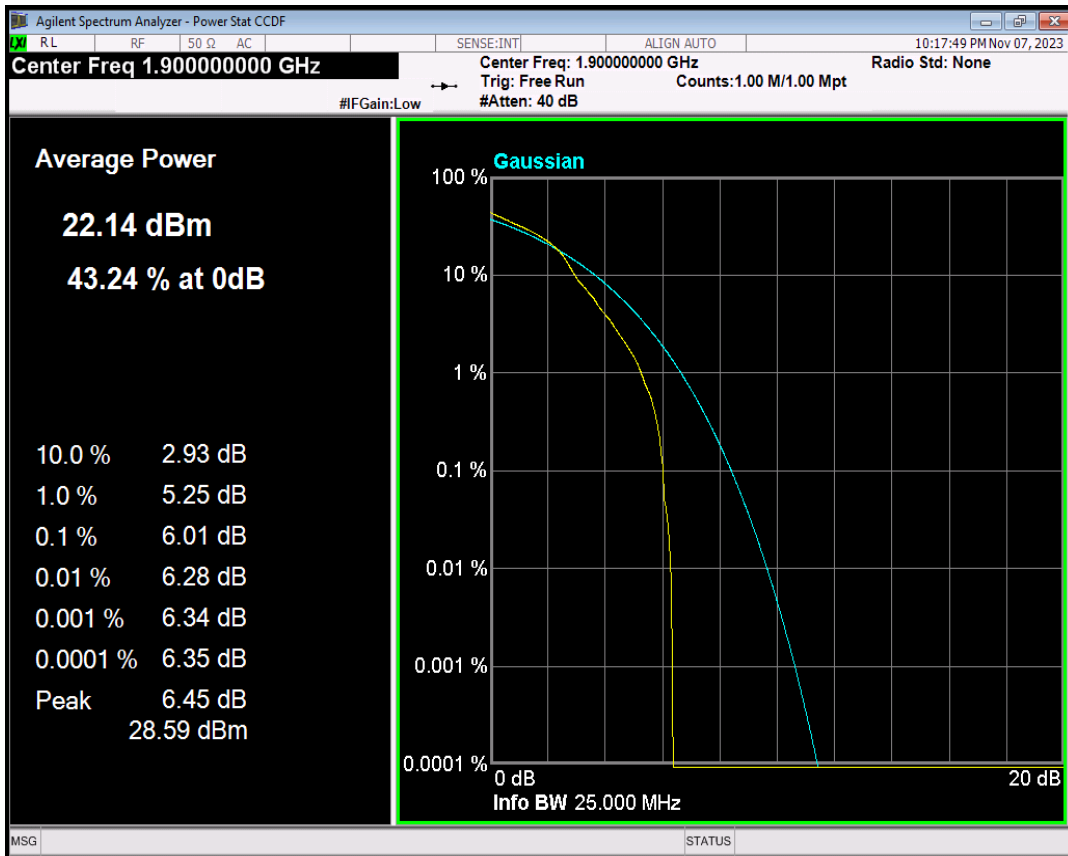
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



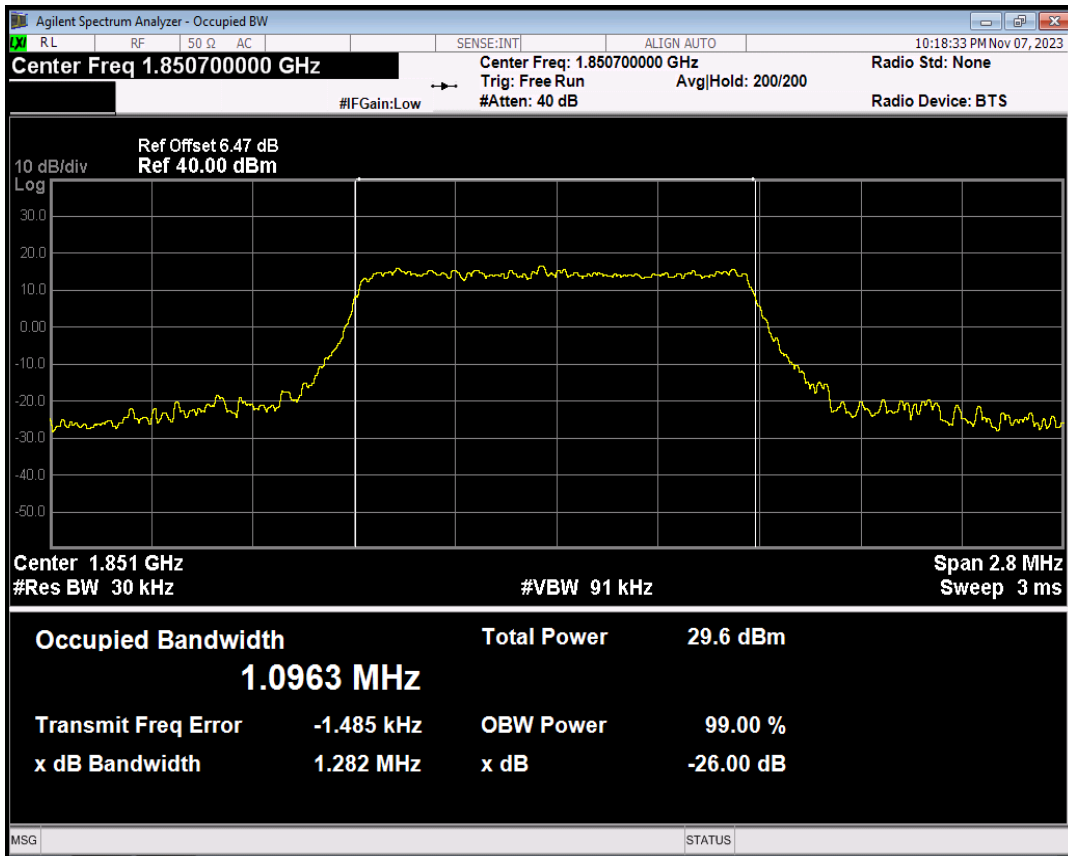
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



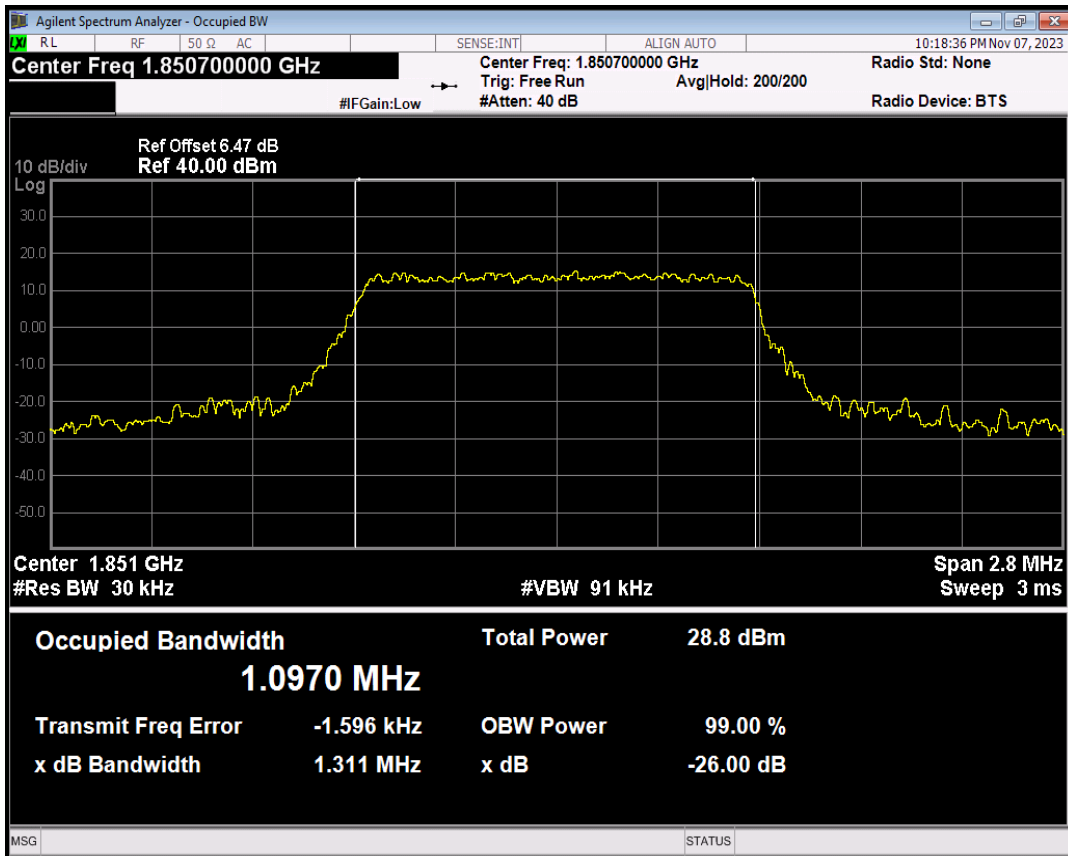
Appendix 4. Occupied bandwidth

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band2 | 1.4 | 18607 | 6 | #0 | QPSK | 1.096 | 1.282 | PASS |
| Band2 | 1.4 | 18607 | 6 | #0 | 16QAM | 1.097 | 1.311 | PASS |
| Band2 | 1.4 | 18900 | 6 | #0 | QPSK | 1.088 | 1.297 | PASS |
| Band2 | 1.4 | 18900 | 6 | #0 | 16QAM | 1.092 | 1.279 | PASS |
| Band2 | 1.4 | 19193 | 6 | #0 | QPSK | 1.100 | 1.280 | PASS |
| Band2 | 1.4 | 19193 | 6 | #0 | 16QAM | 1.098 | 1.282 | PASS |
| Band2 | 3 | 18615 | 15 | #0 | QPSK | 2.692 | 2.940 | PASS |
| Band2 | 3 | 18615 | 15 | #0 | 16QAM | 2.696 | 2.947 | PASS |
| Band2 | 3 | 18900 | 15 | #0 | QPSK | 2.696 | 2.932 | PASS |
| Band2 | 3 | 18900 | 15 | #0 | 16QAM | 2.701 | 2.946 | PASS |
| Band2 | 3 | 19185 | 15 | #0 | QPSK | 2.703 | 2.939 | PASS |
| Band2 | 3 | 19185 | 15 | #0 | 16QAM | 2.688 | 2.943 | PASS |
| Band2 | 5 | 18625 | 25 | #0 | QPSK | 4.517 | 4.917 | PASS |
| Band2 | 5 | 18625 | 25 | #0 | 16QAM | 4.498 | 4.973 | PASS |
| Band2 | 5 | 18900 | 25 | #0 | QPSK | 4.512 | 4.954 | PASS |
| Band2 | 5 | 18900 | 25 | #0 | 16QAM | 4.504 | 4.980 | PASS |
| Band2 | 5 | 19175 | 25 | #0 | QPSK | 4.514 | 4.922 | PASS |
| Band2 | 5 | 19175 | 25 | #0 | 16QAM | 4.510 | 4.926 | PASS |
| Band2 | 10 | 18650 | 50 | #0 | QPSK | 8.965 | 9.647 | PASS |
| Band2 | 10 | 18650 | 50 | #0 | 16QAM | 8.981 | 9.747 | PASS |
| Band2 | 10 | 18900 | 50 | #0 | QPSK | 8.998 | 9.701 | PASS |
| Band2 | 10 | 18900 | 50 | #0 | 16QAM | 8.973 | 9.766 | PASS |
| Band2 | 10 | 19150 | 50 | #0 | QPSK | 9.015 | 9.812 | PASS |
| Band2 | 10 | 19150 | 50 | #0 | 16QAM | 9.010 | 9.771 | PASS |
| Band2 | 15 | 18675 | 75 | #0 | QPSK | 13.469 | 14.569 | PASS |
| Band2 | 15 | 18675 | 75 | #0 | 16QAM | 13.522 | 14.503 | PASS |
| Band2 | 15 | 18900 | 75 | #0 | QPSK | 13.463 | 14.413 | PASS |
| Band2 | 15 | 18900 | 75 | #0 | 16QAM | 13.467 | 14.628 | PASS |
| Band2 | 15 | 19125 | 75 | #0 | QPSK | 13.526 | 14.559 | PASS |
| Band2 | 15 | 19125 | 75 | #0 | 16QAM | 13.516 | 14.470 | PASS |
| Band2 | 20 | 18700 | 100 | #0 | QPSK | 17.933 | 19.136 | PASS |
| Band2 | 20 | 18700 | 100 | #0 | 16QAM | 17.931 | 19.311 | PASS |
| Band2 | 20 | 18900 | 100 | #0 | QPSK | 17.927 | 19.365 | PASS |
| Band2 | 20 | 18900 | 100 | #0 | 16QAM | 17.954 | 19.352 | PASS |
| Band2 | 20 | 19100 | 100 | #0 | QPSK | 17.943 | 19.389 | PASS |
| Band2 | 20 | 19100 | 100 | #0 | 16QAM | 17.936 | 19.312 | PASS |

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0

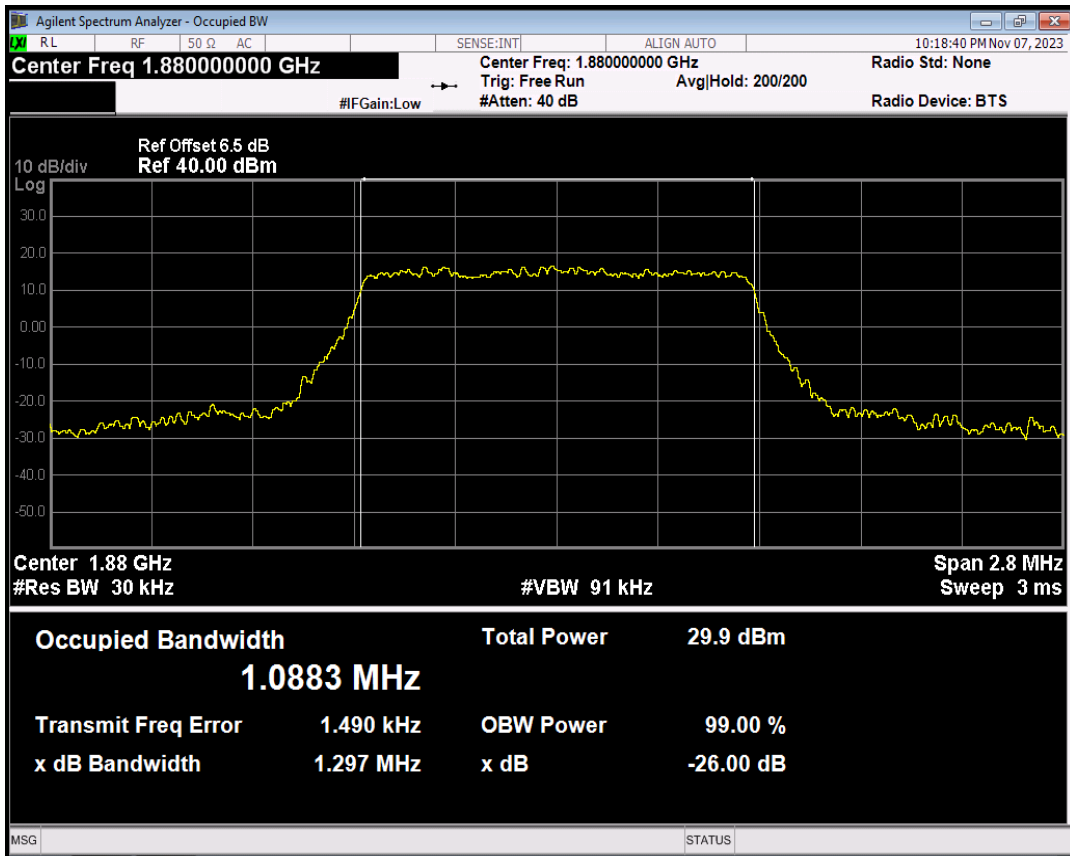


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

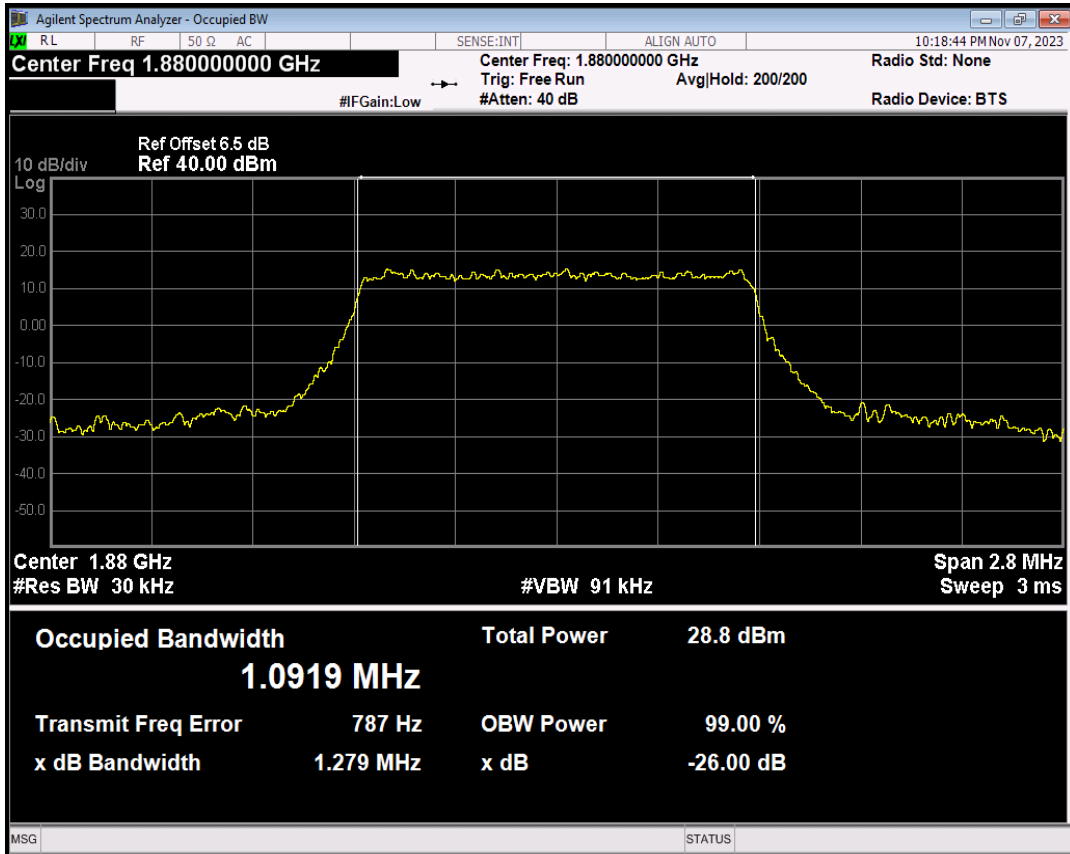




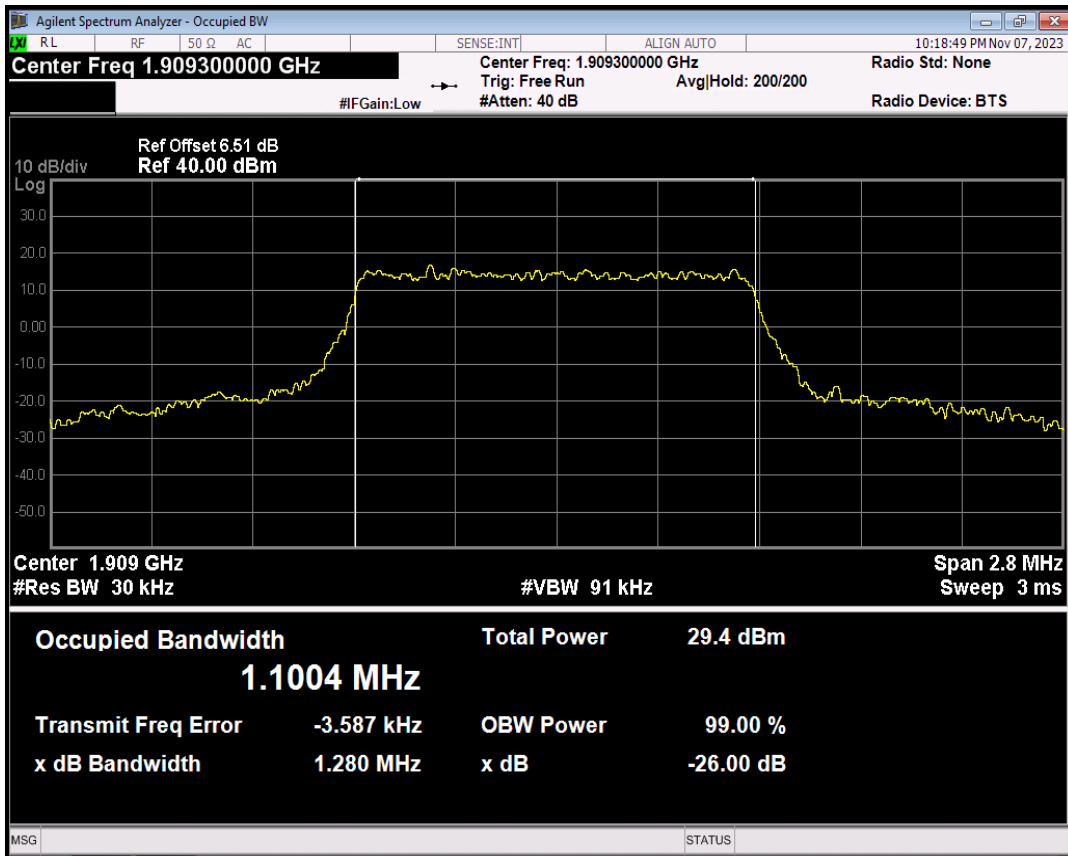
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



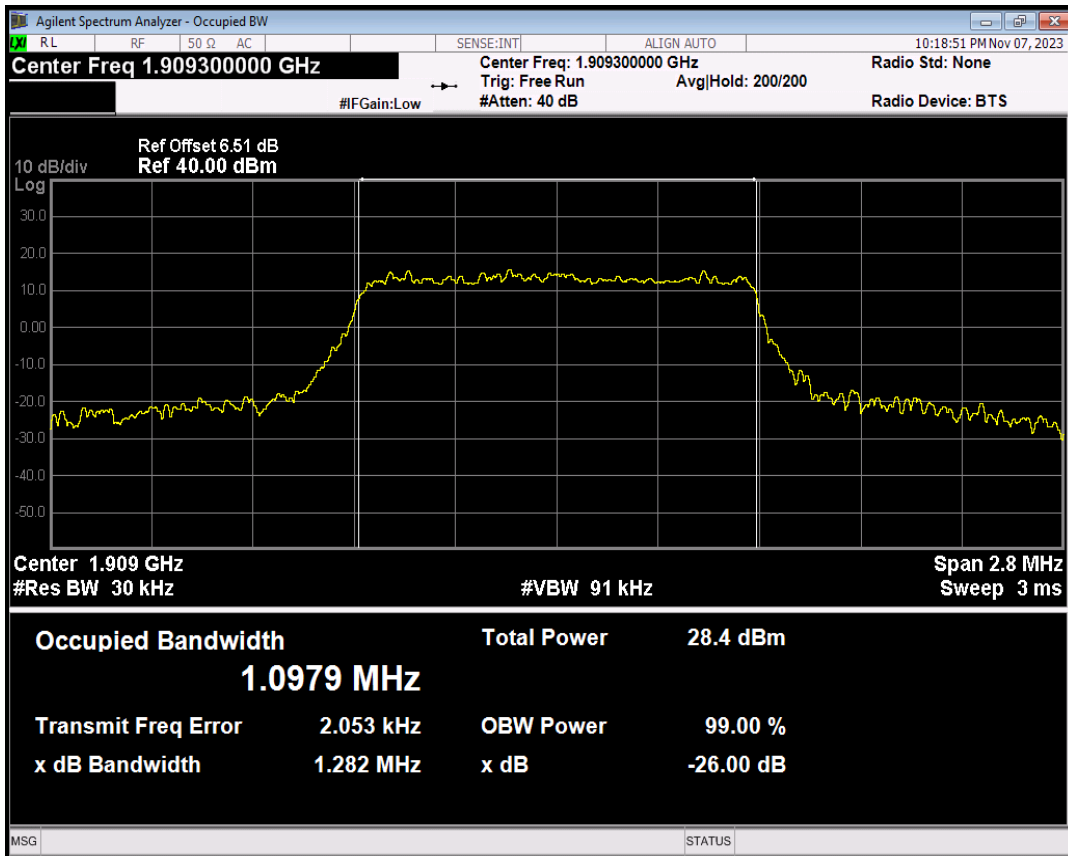
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



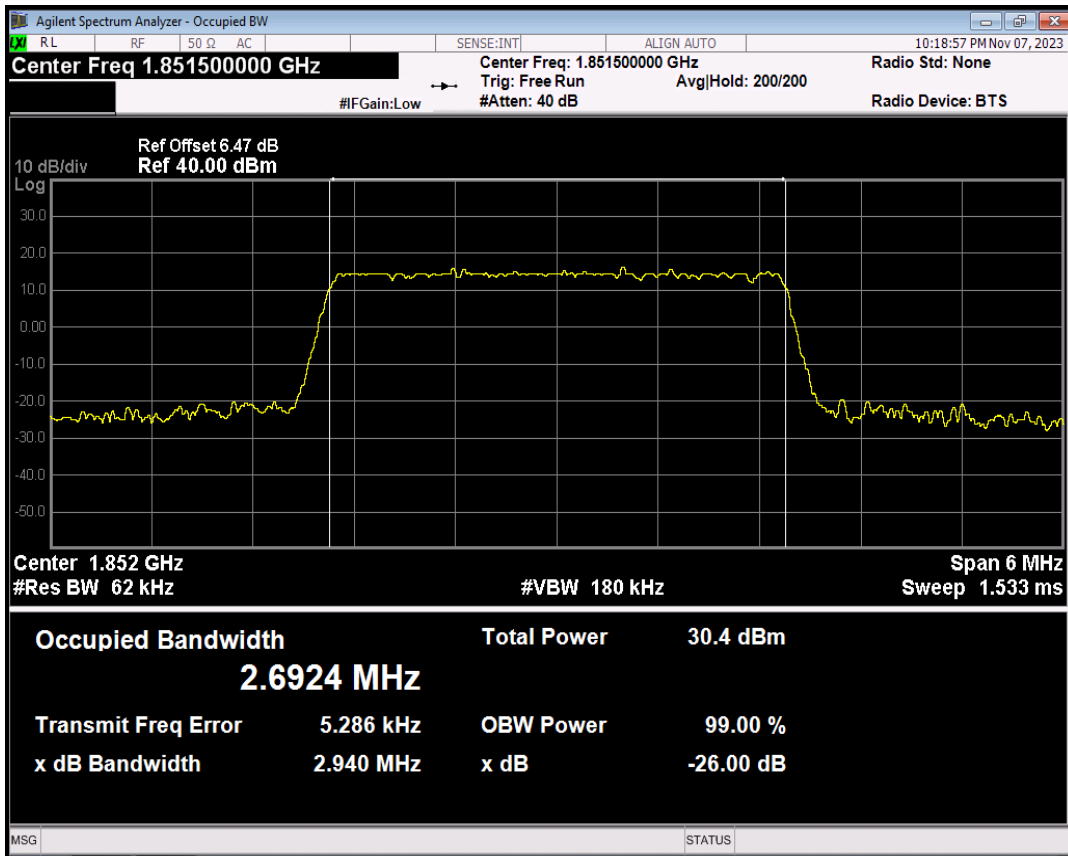
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



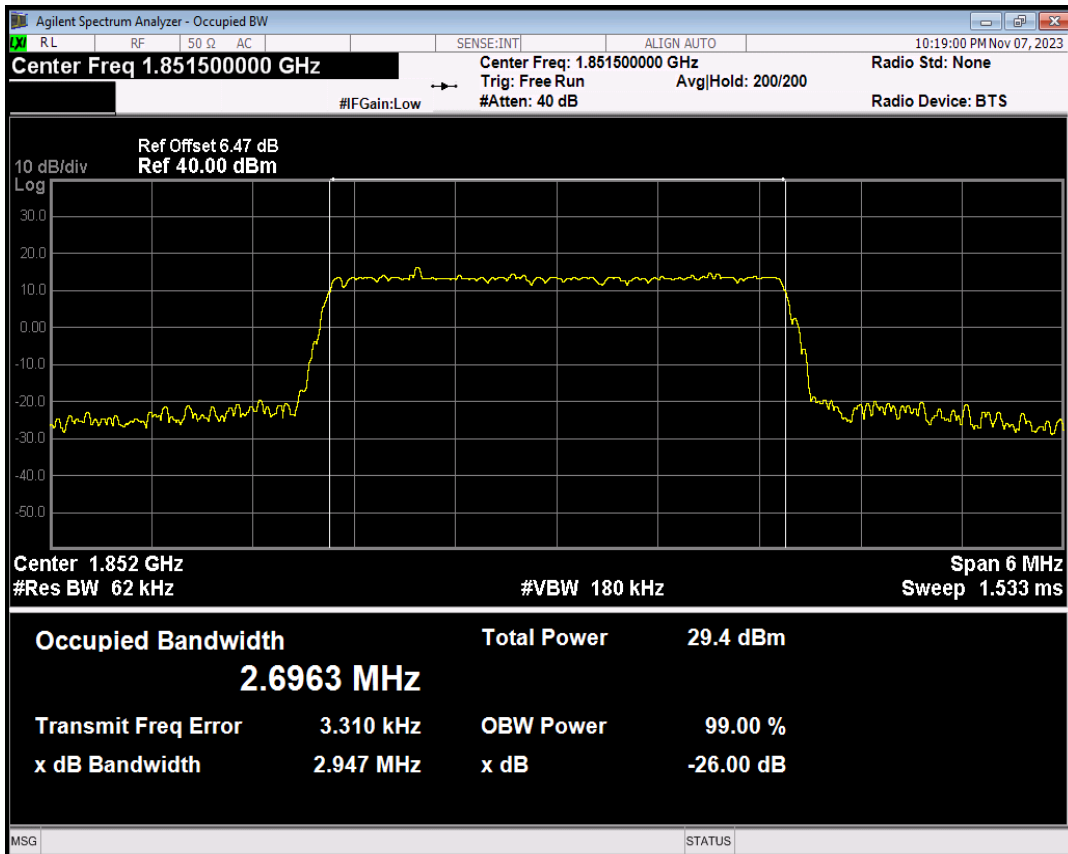
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

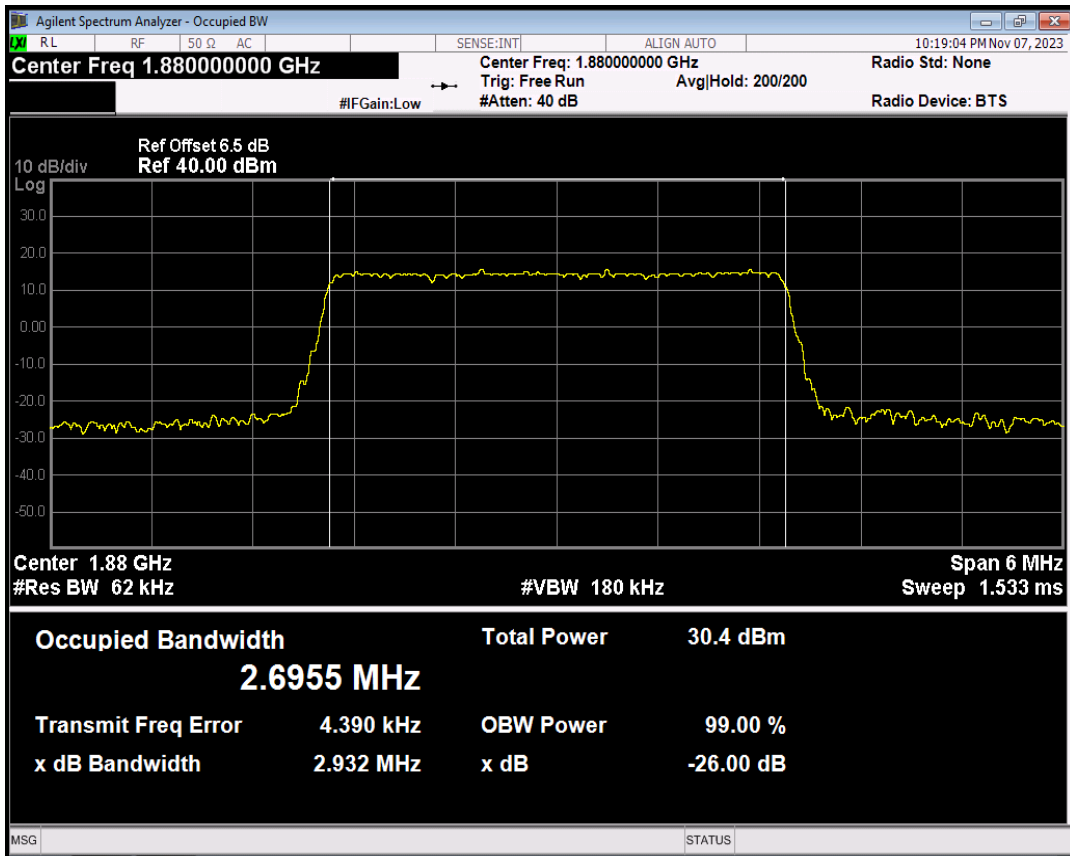


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

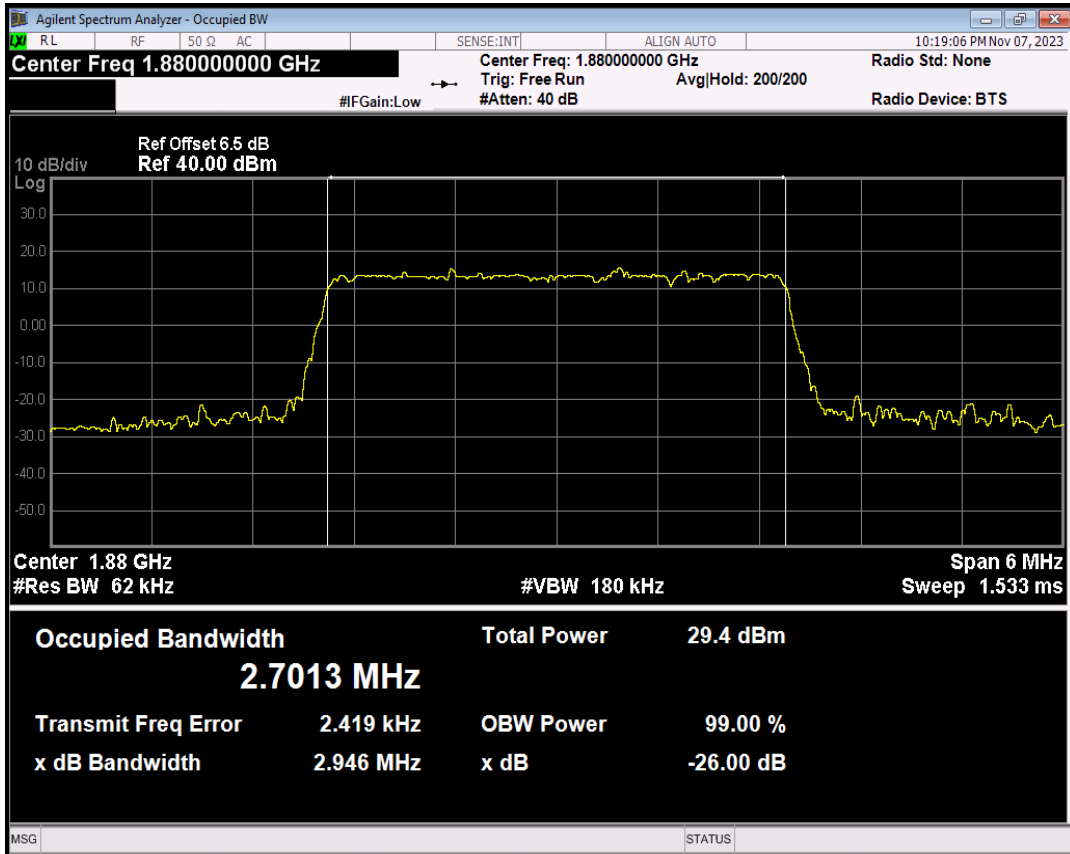




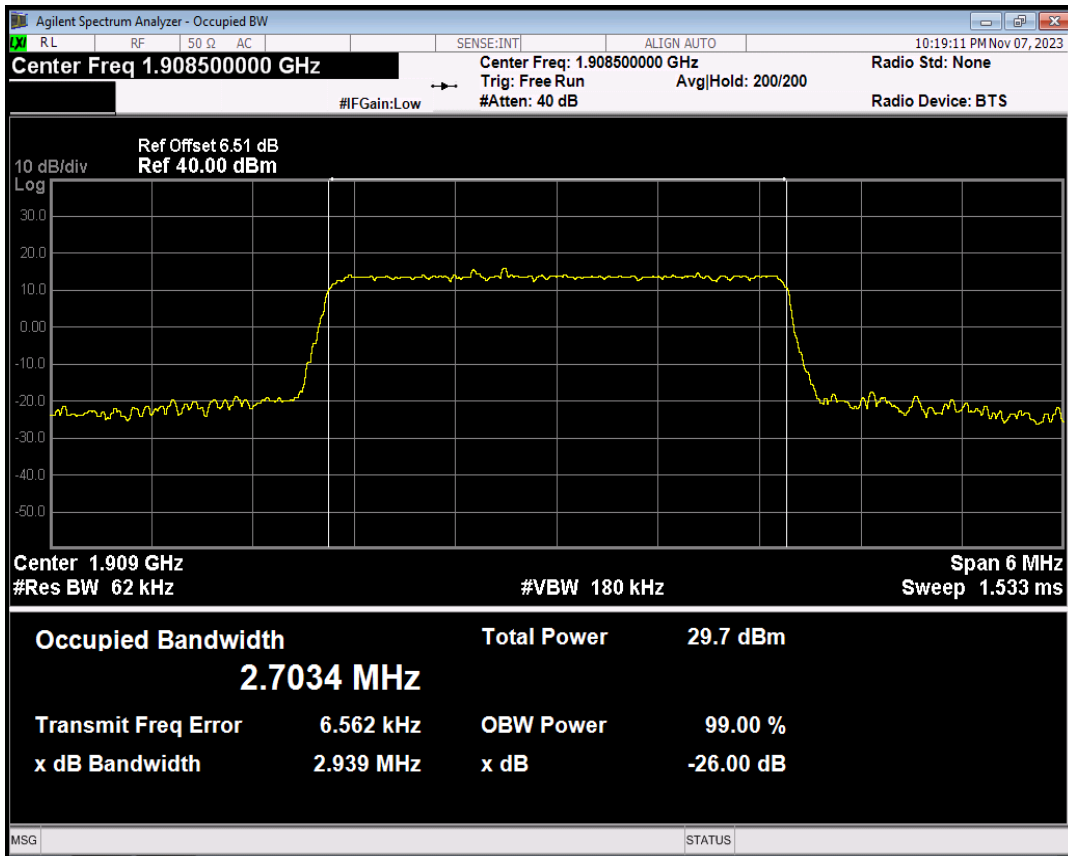
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



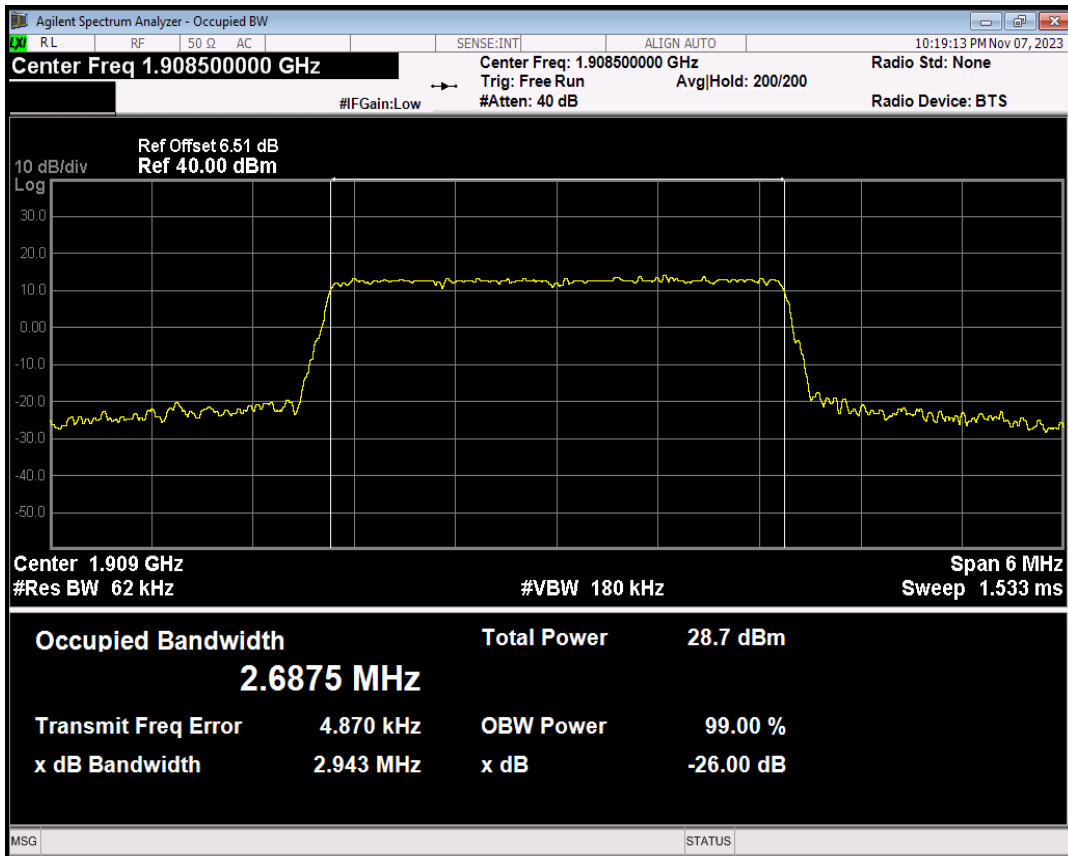
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



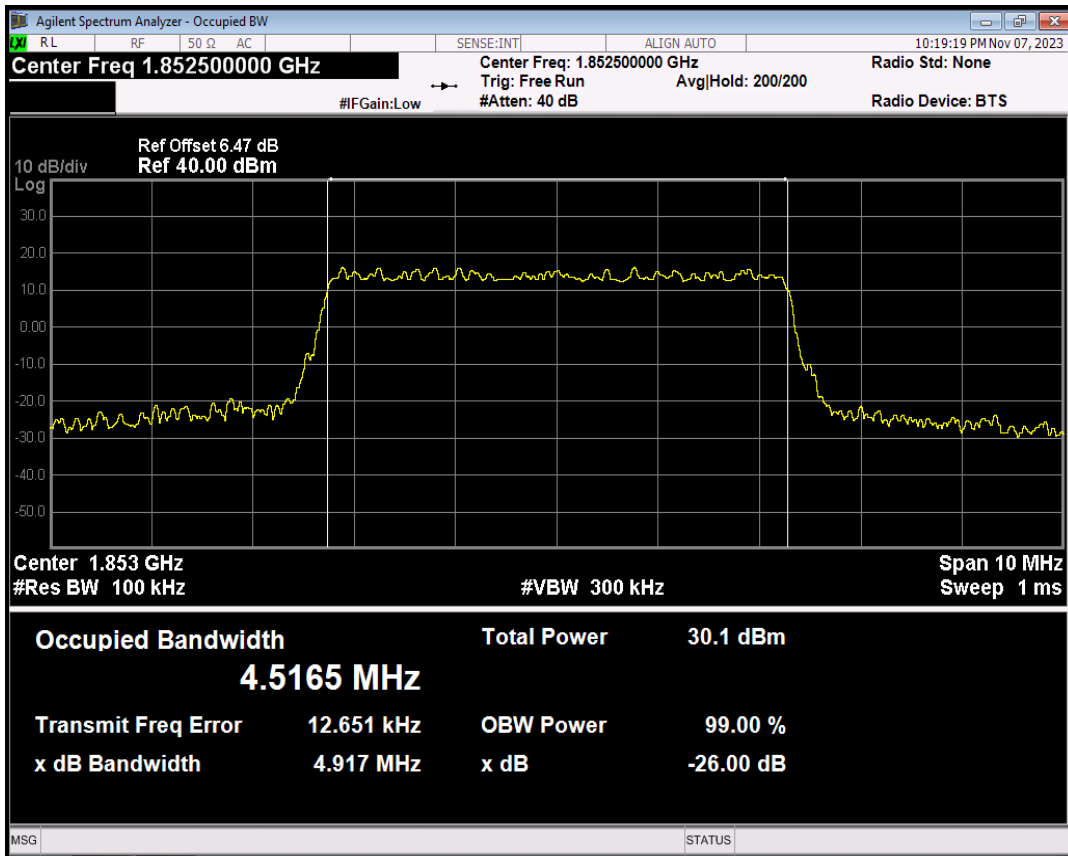
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



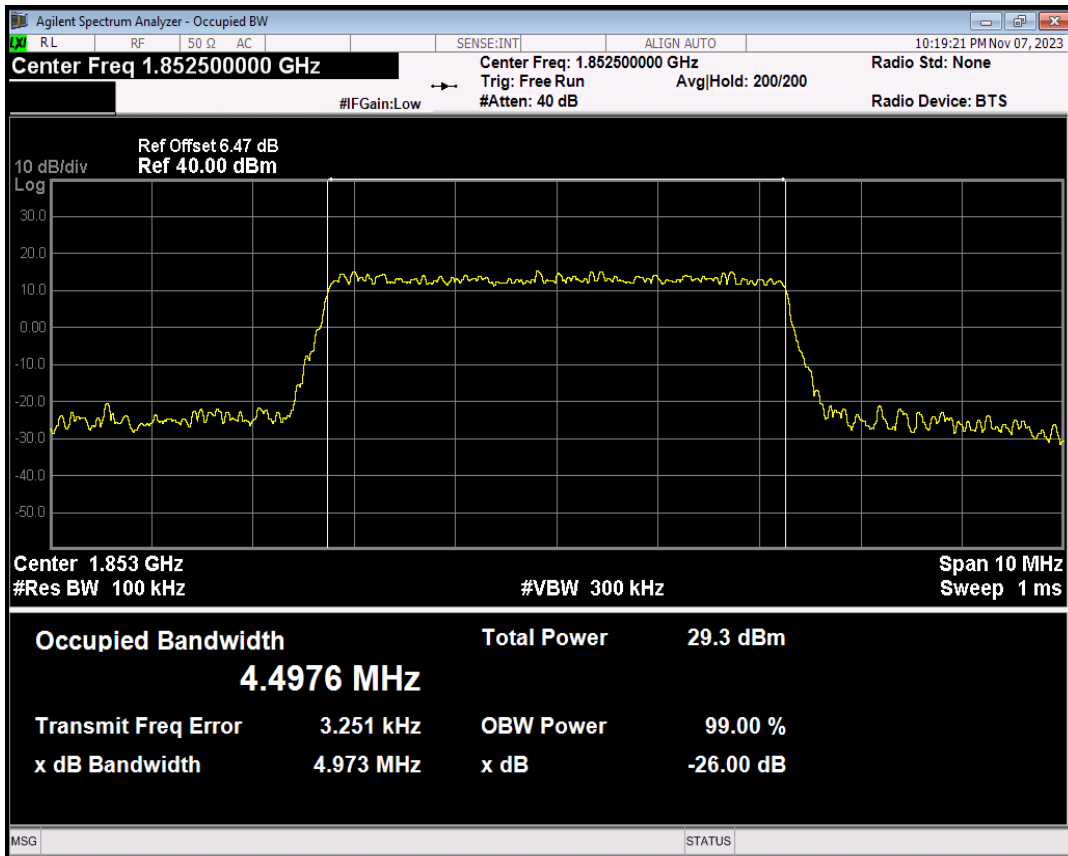
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

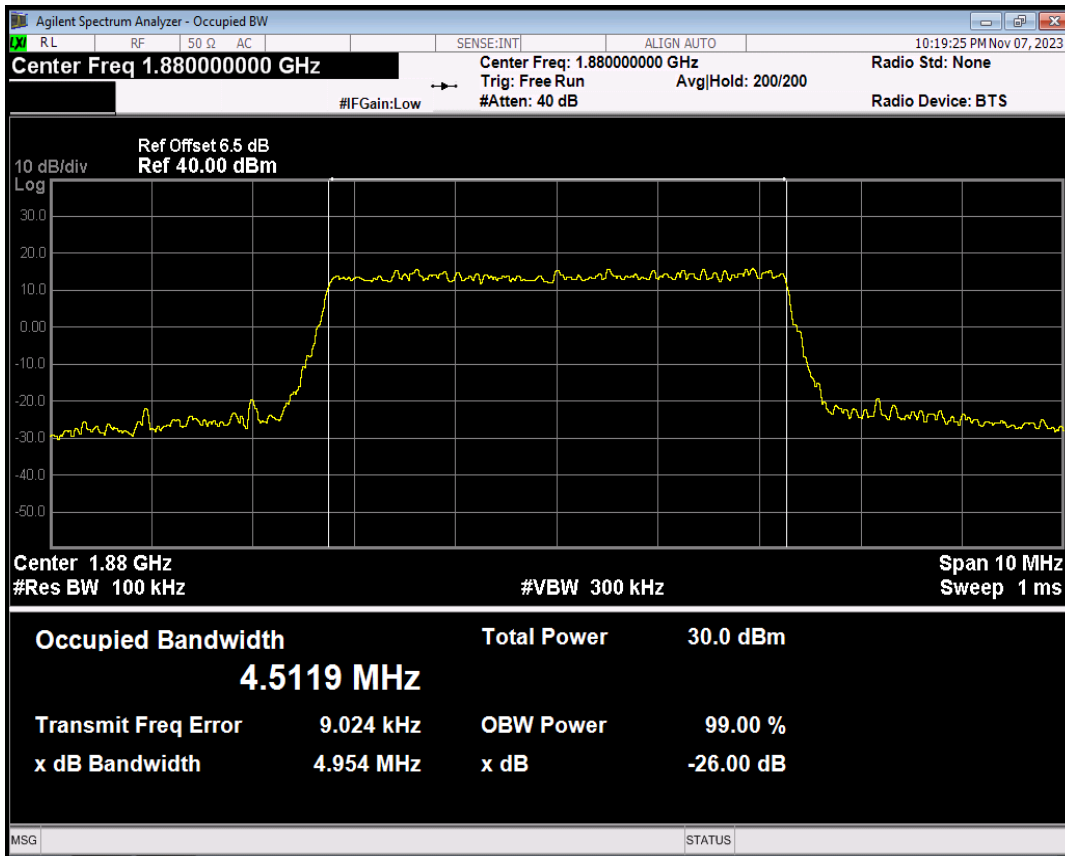


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

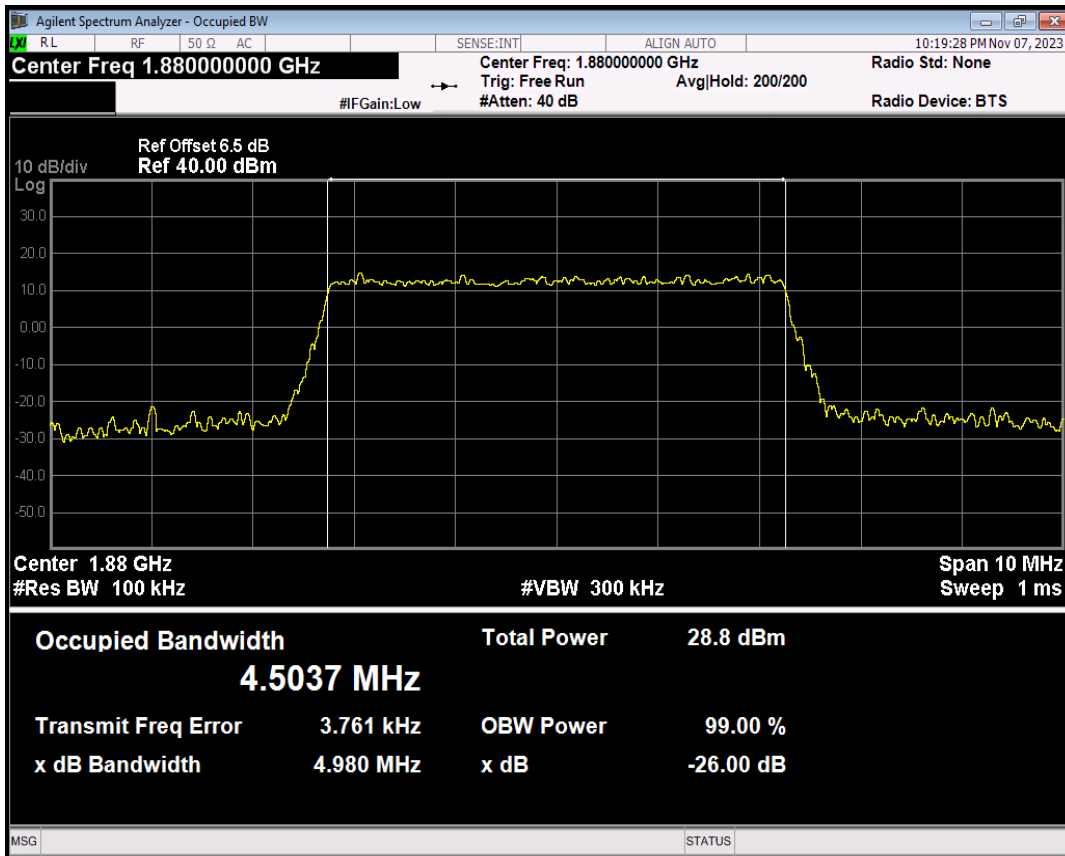




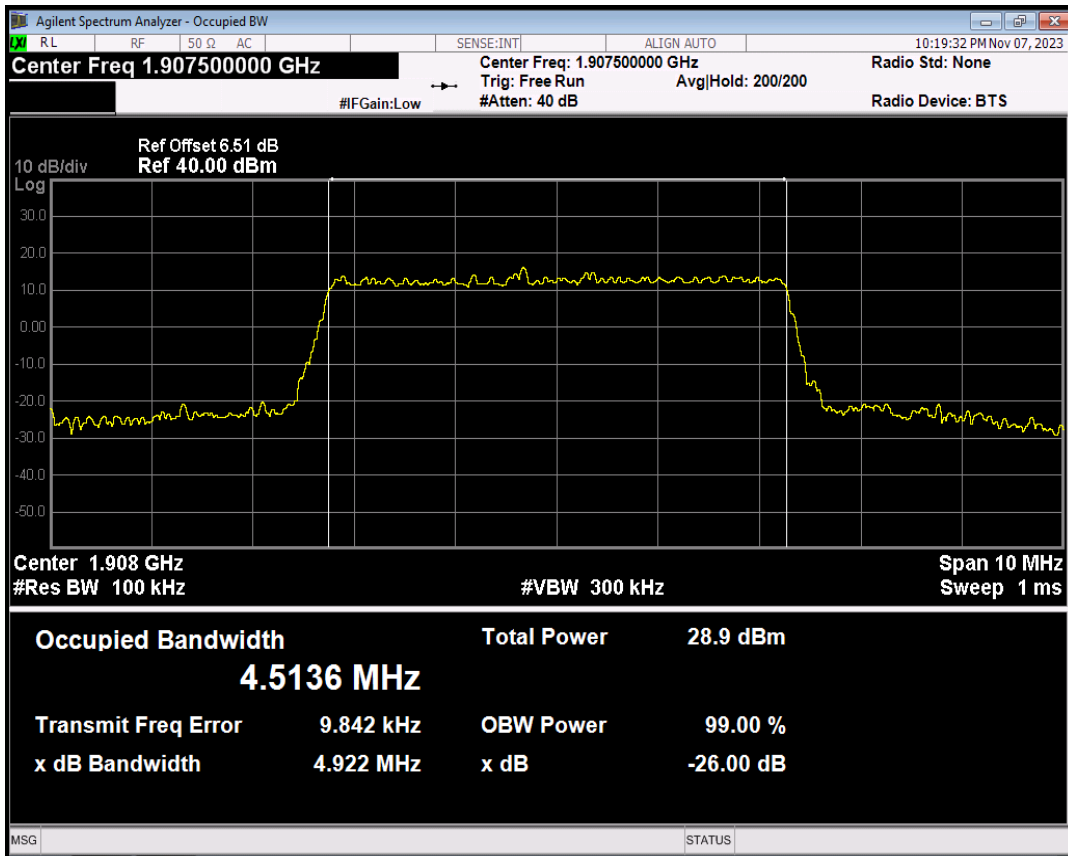
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



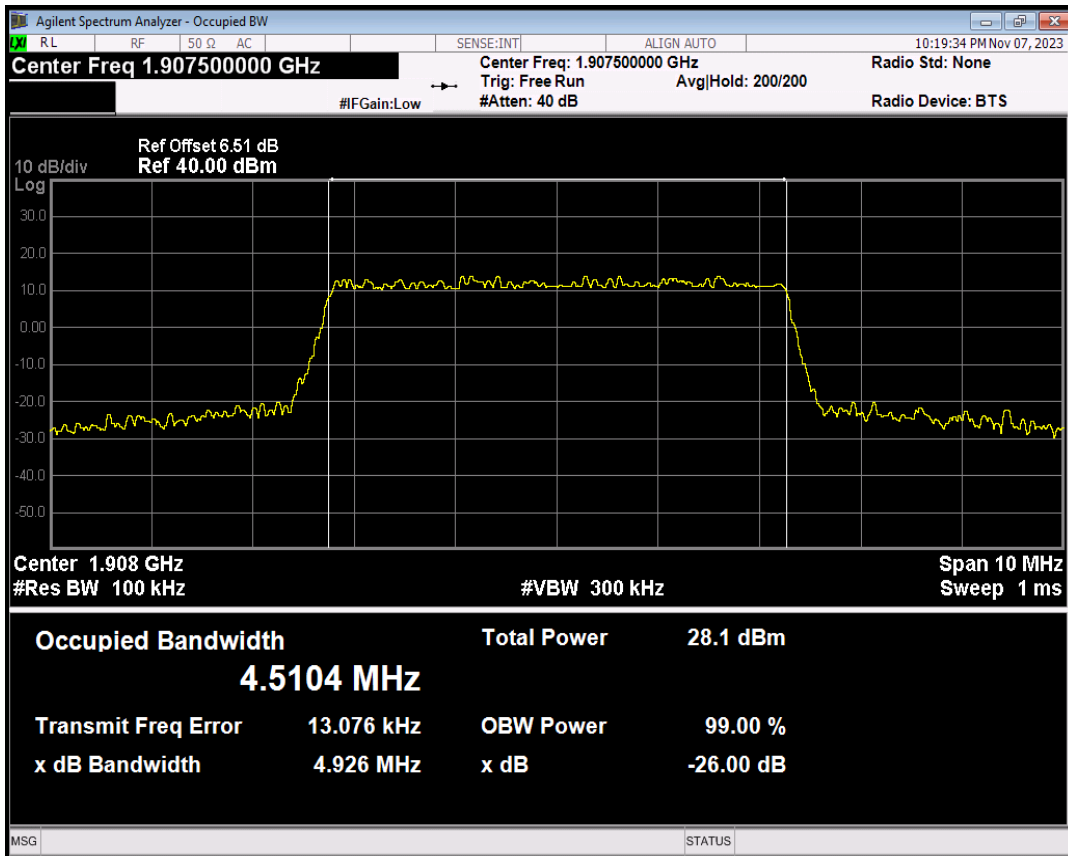
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



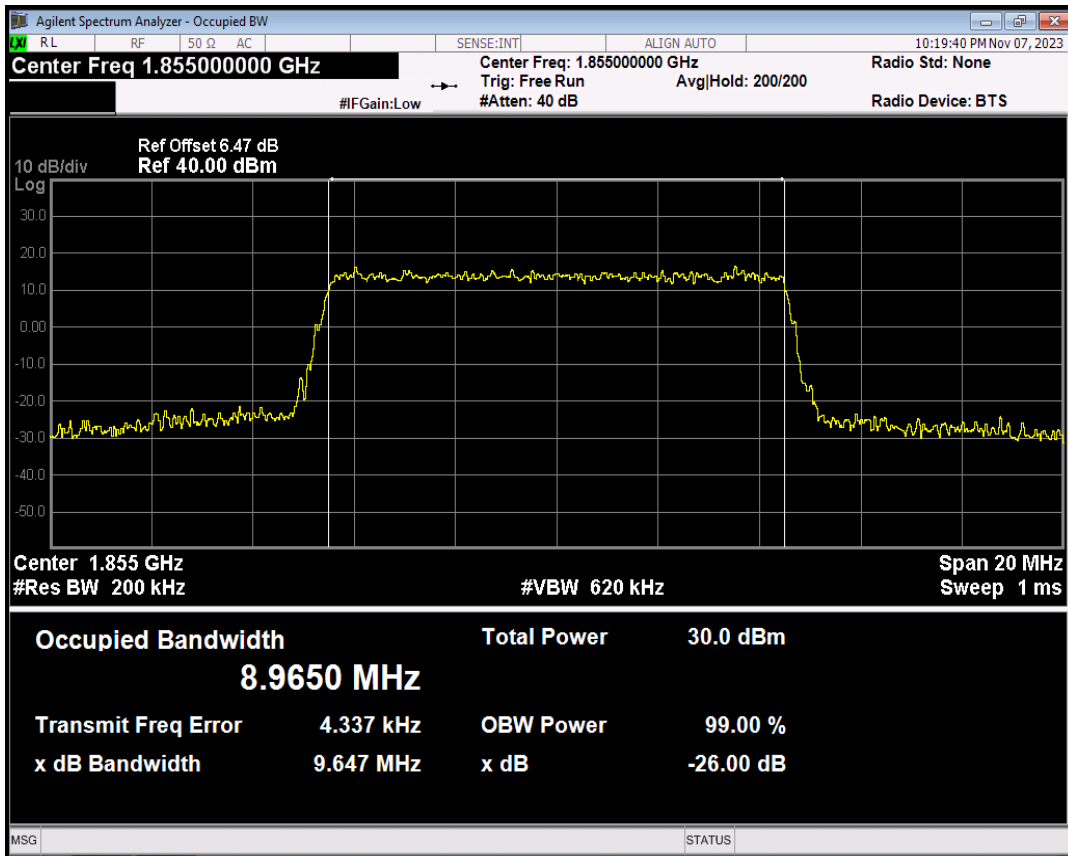
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



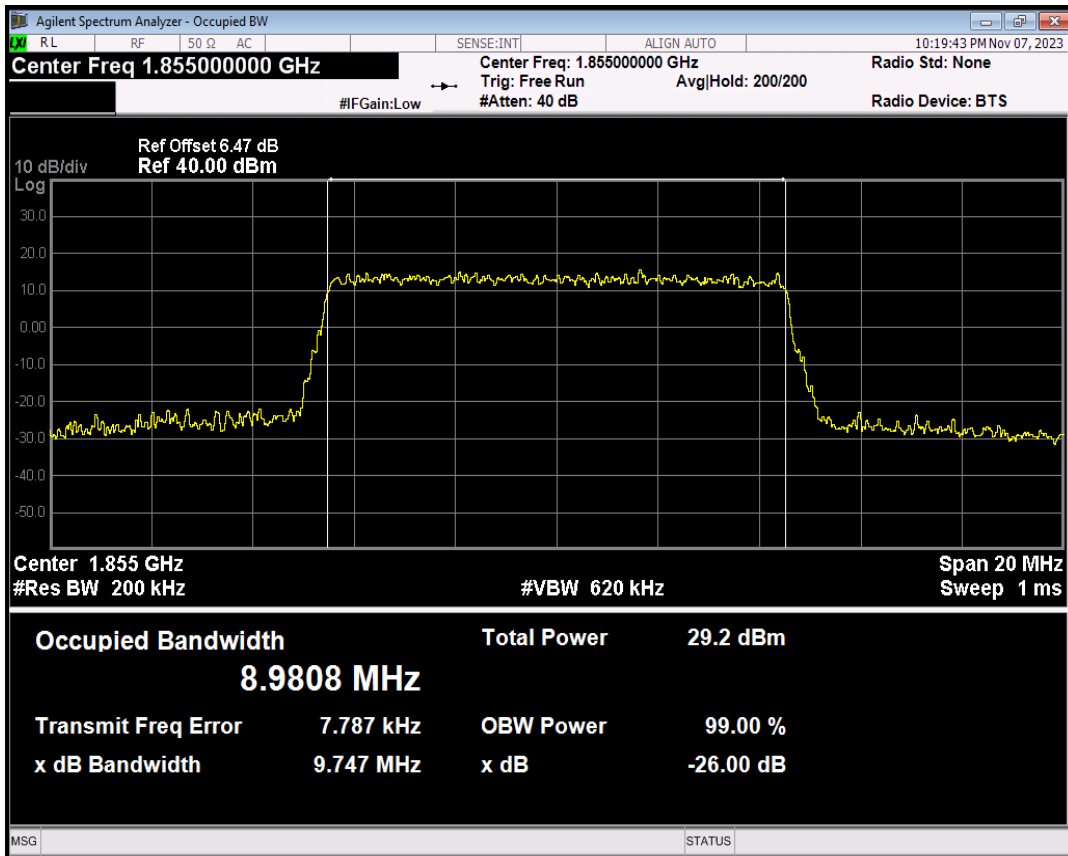
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



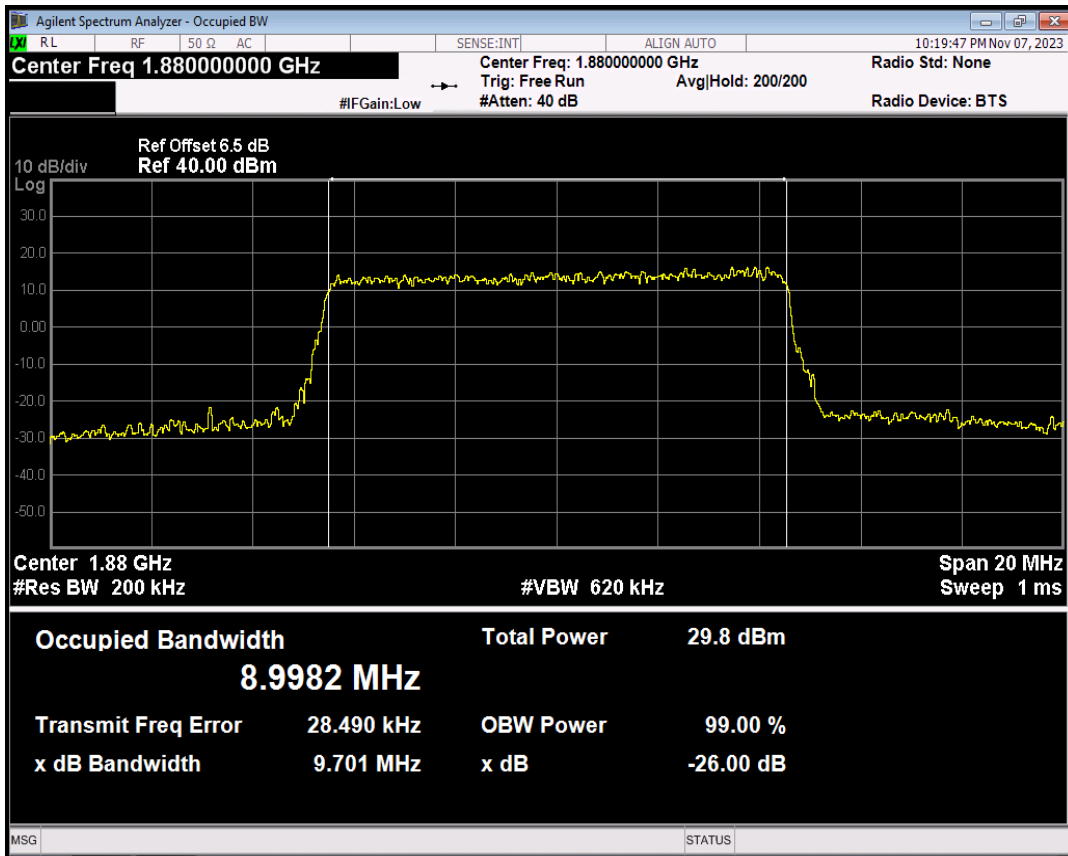
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



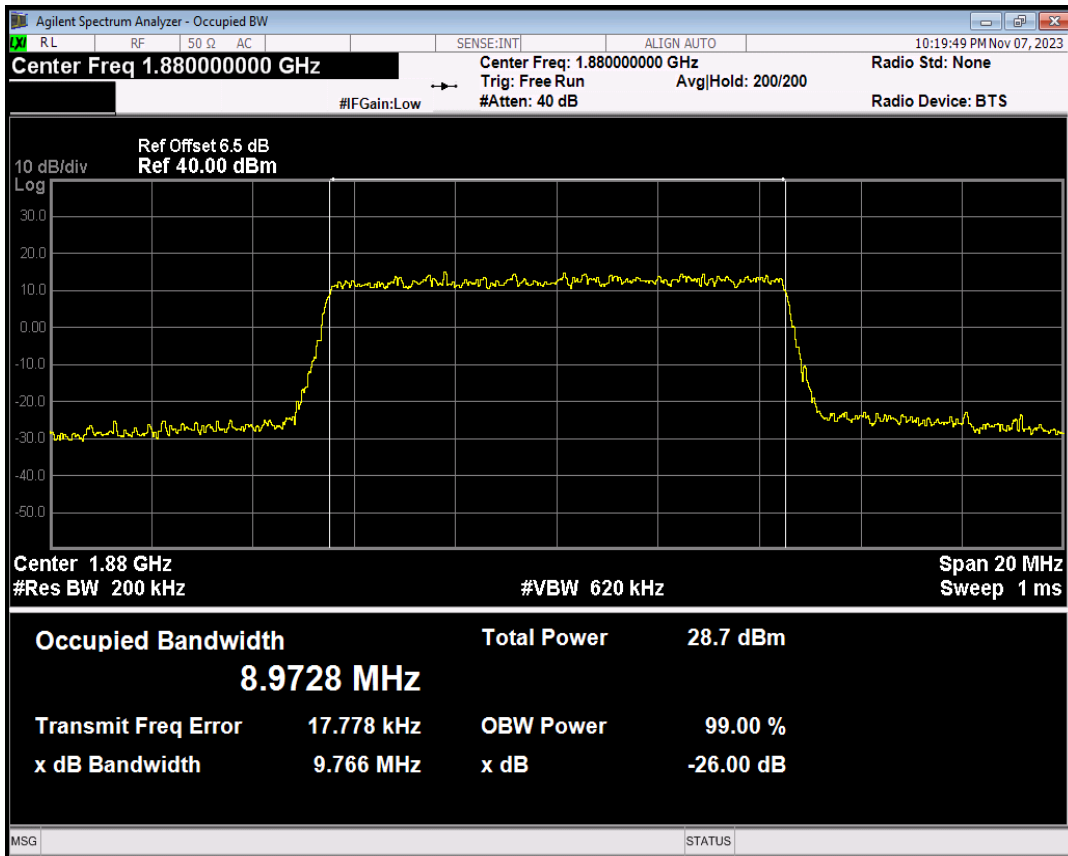
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



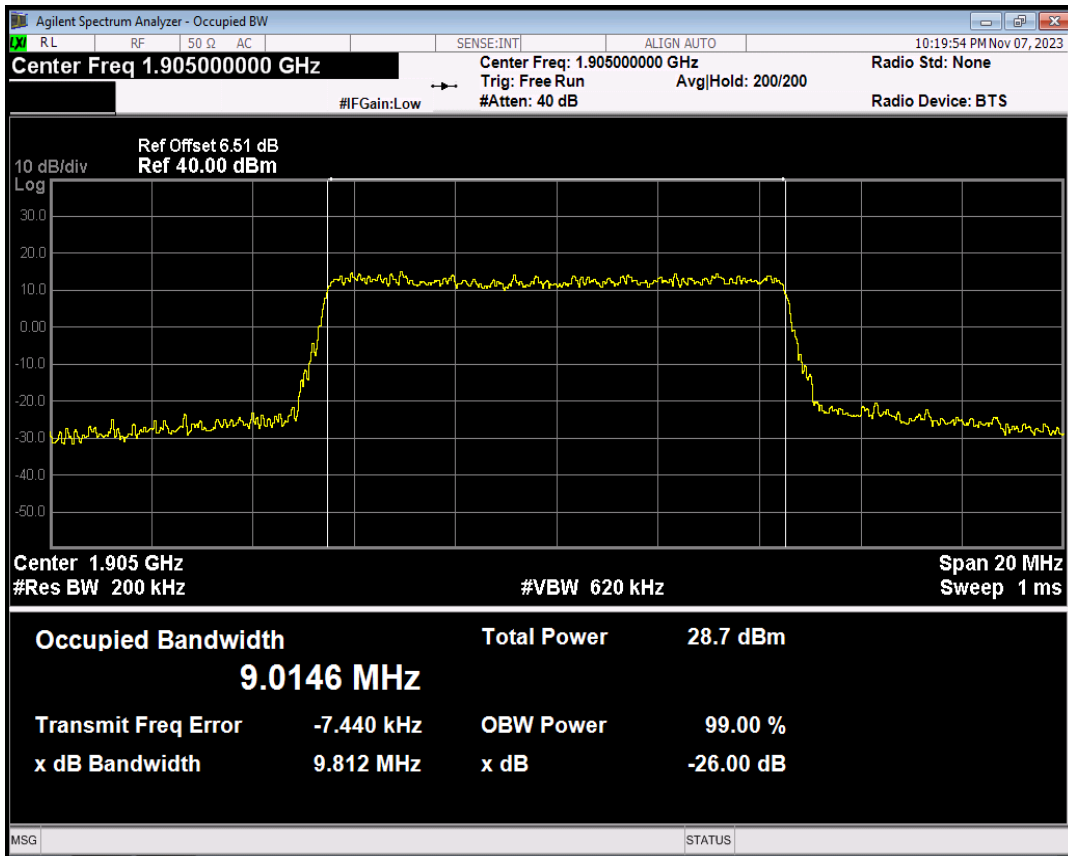
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



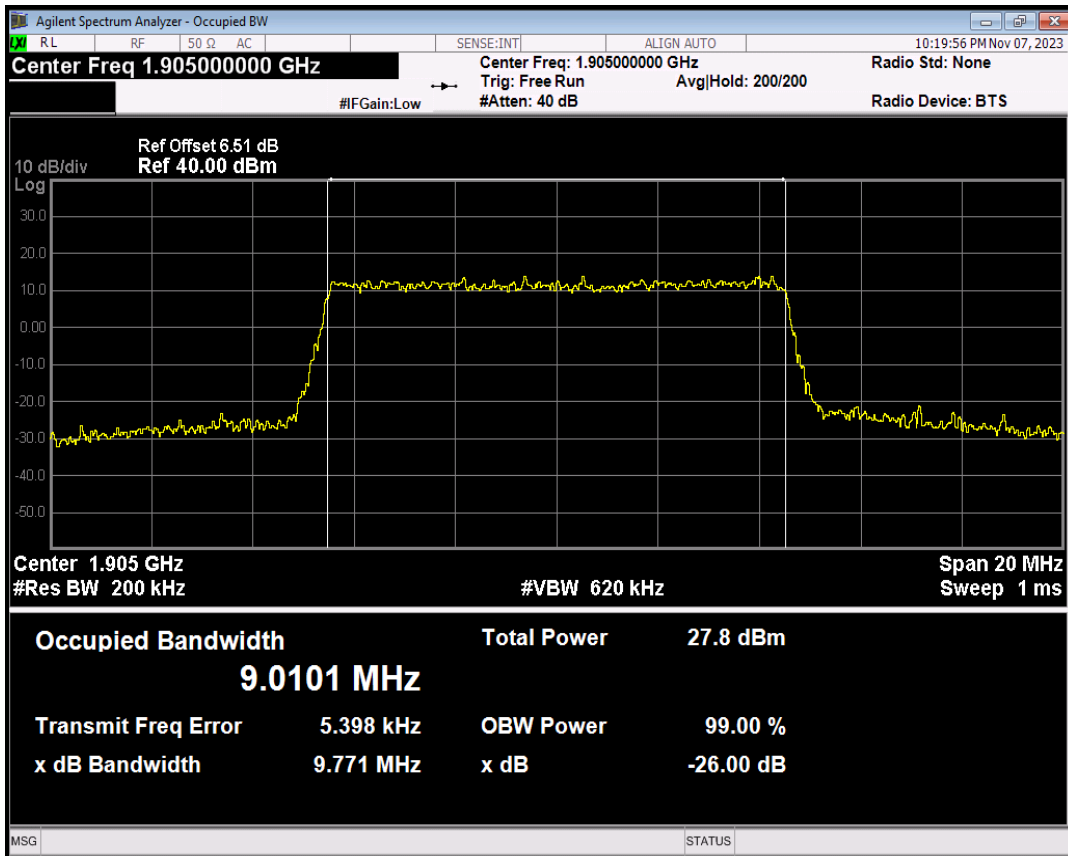
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



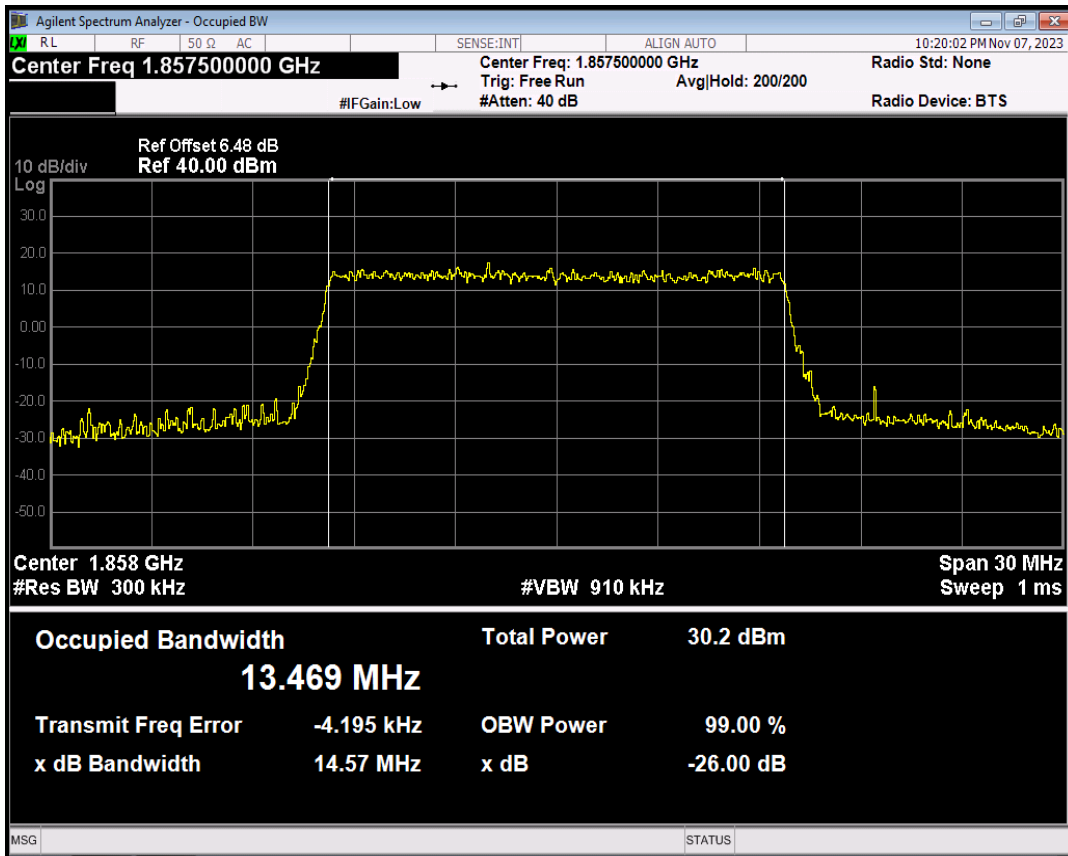
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



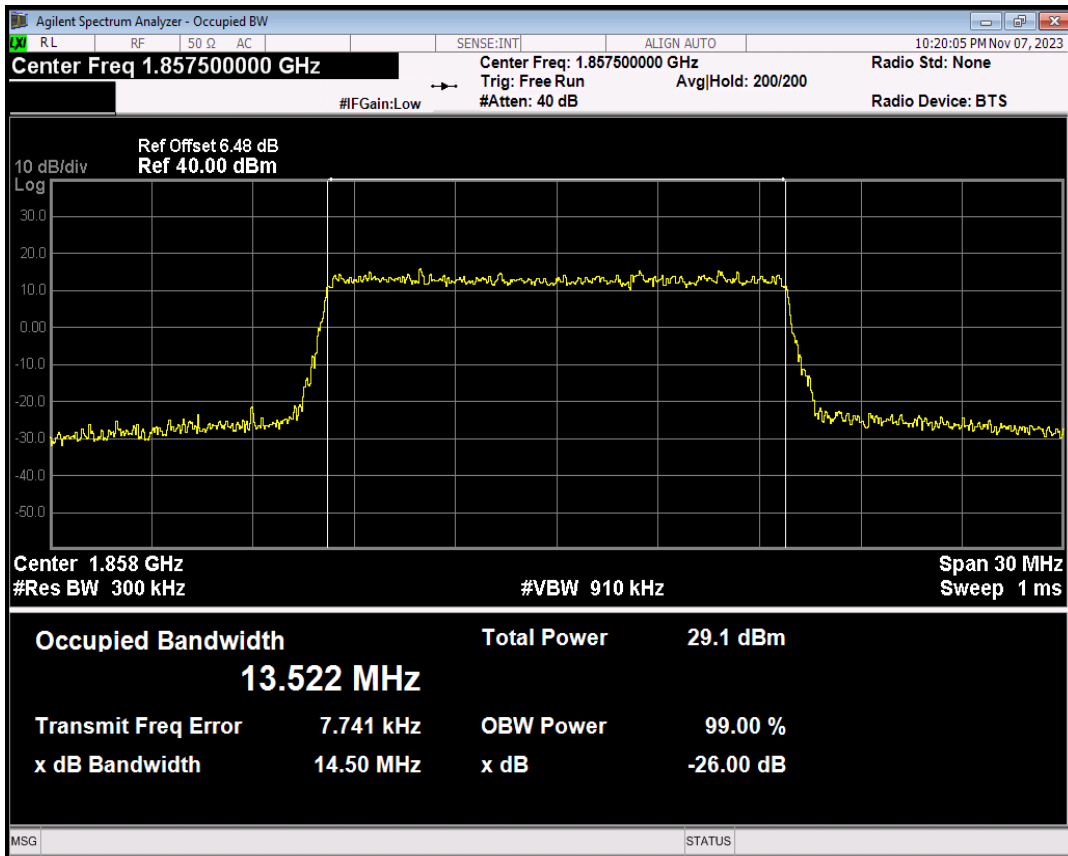
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



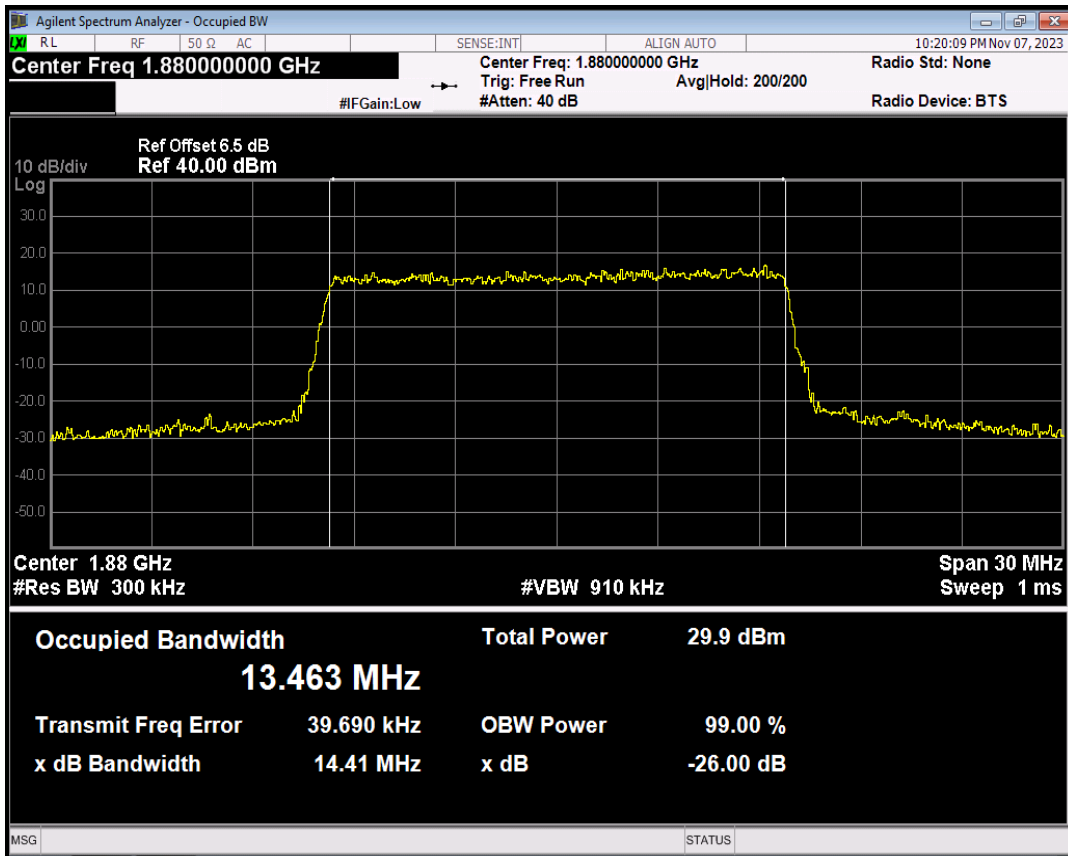
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



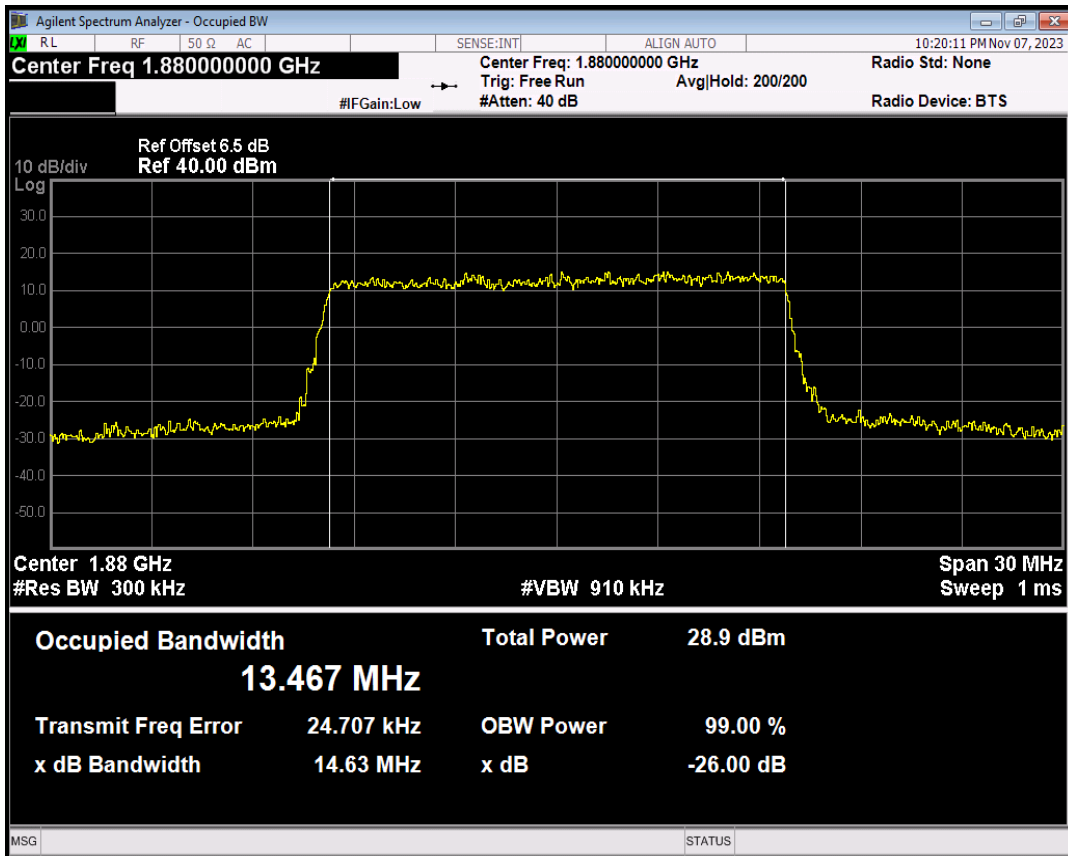
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



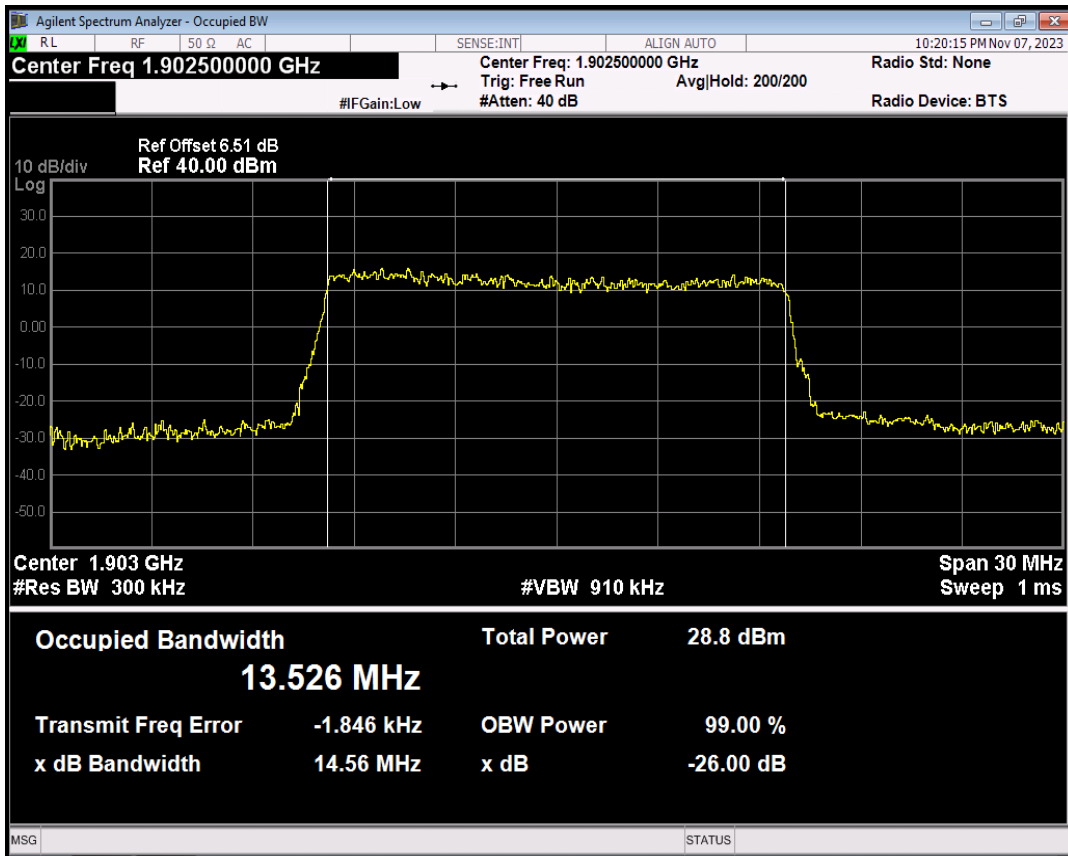
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



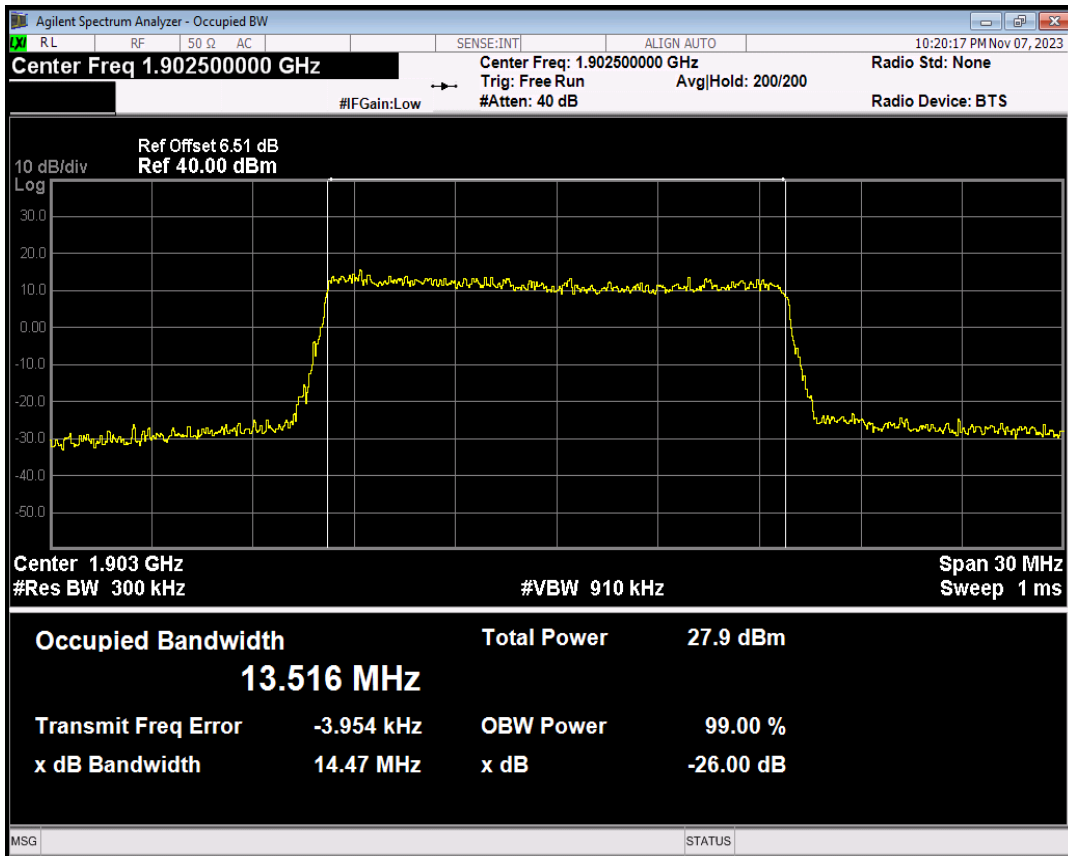
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



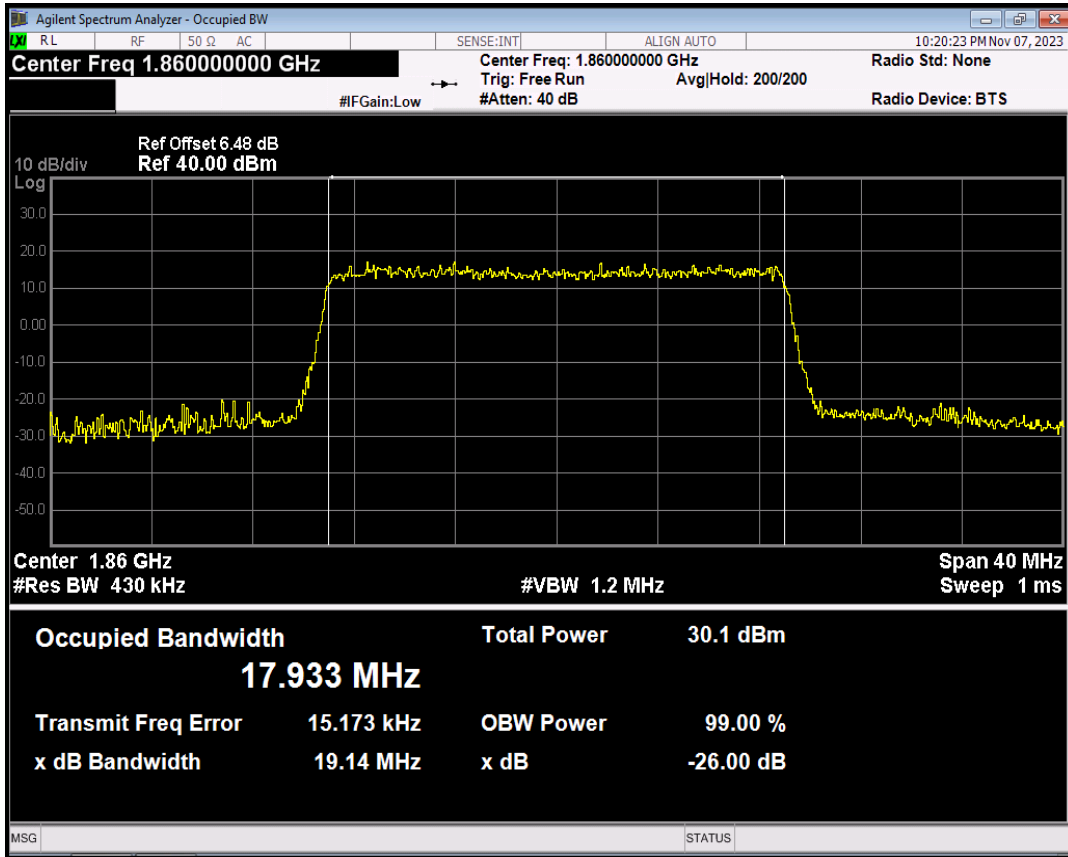
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



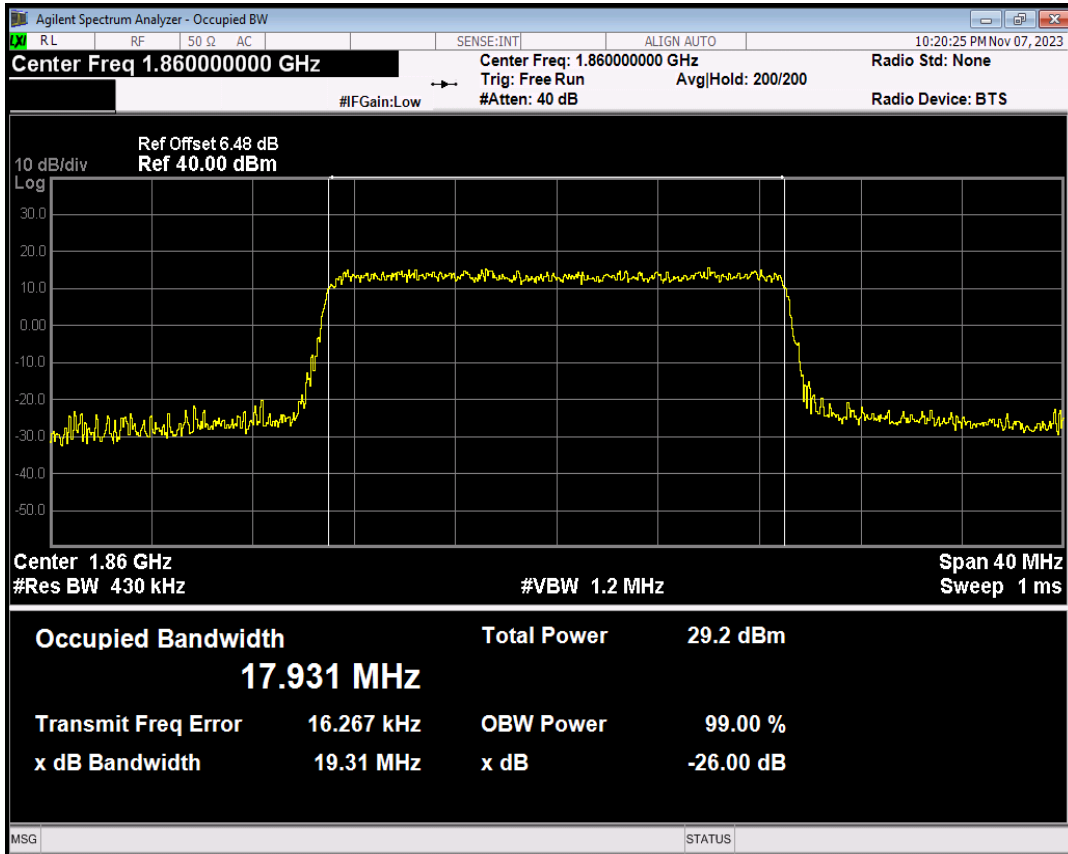
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



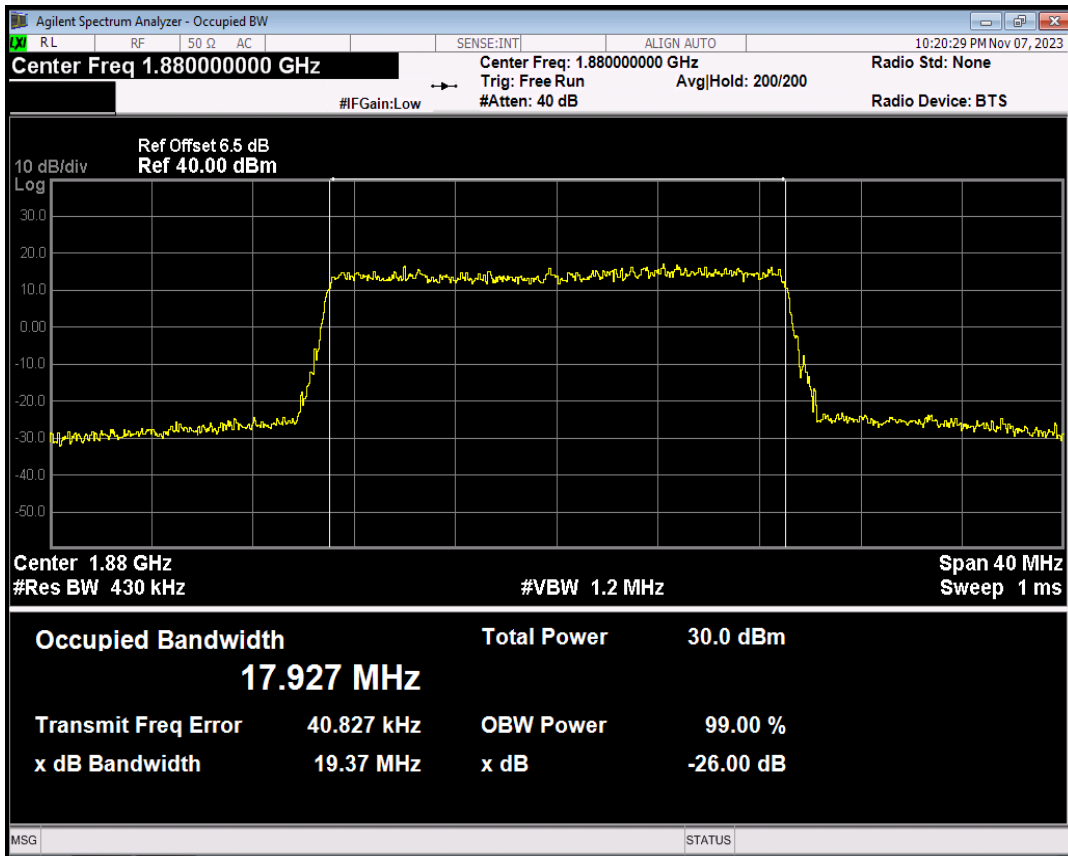
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



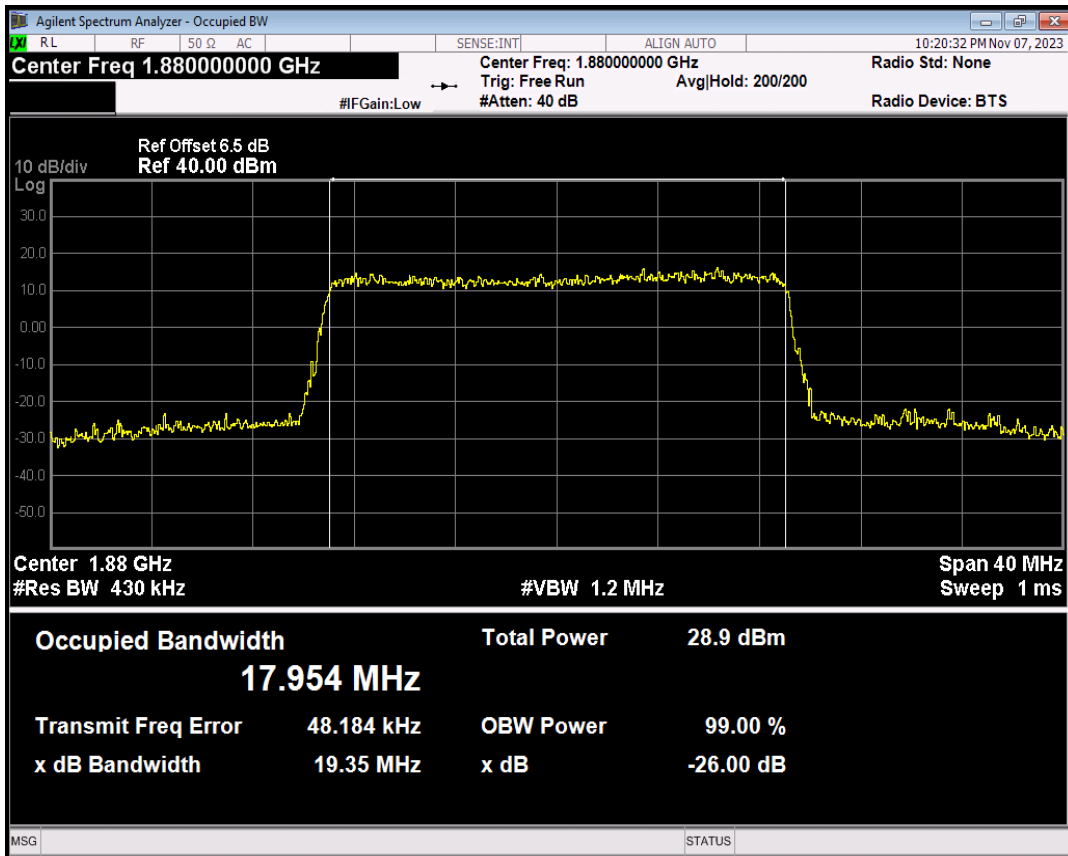
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



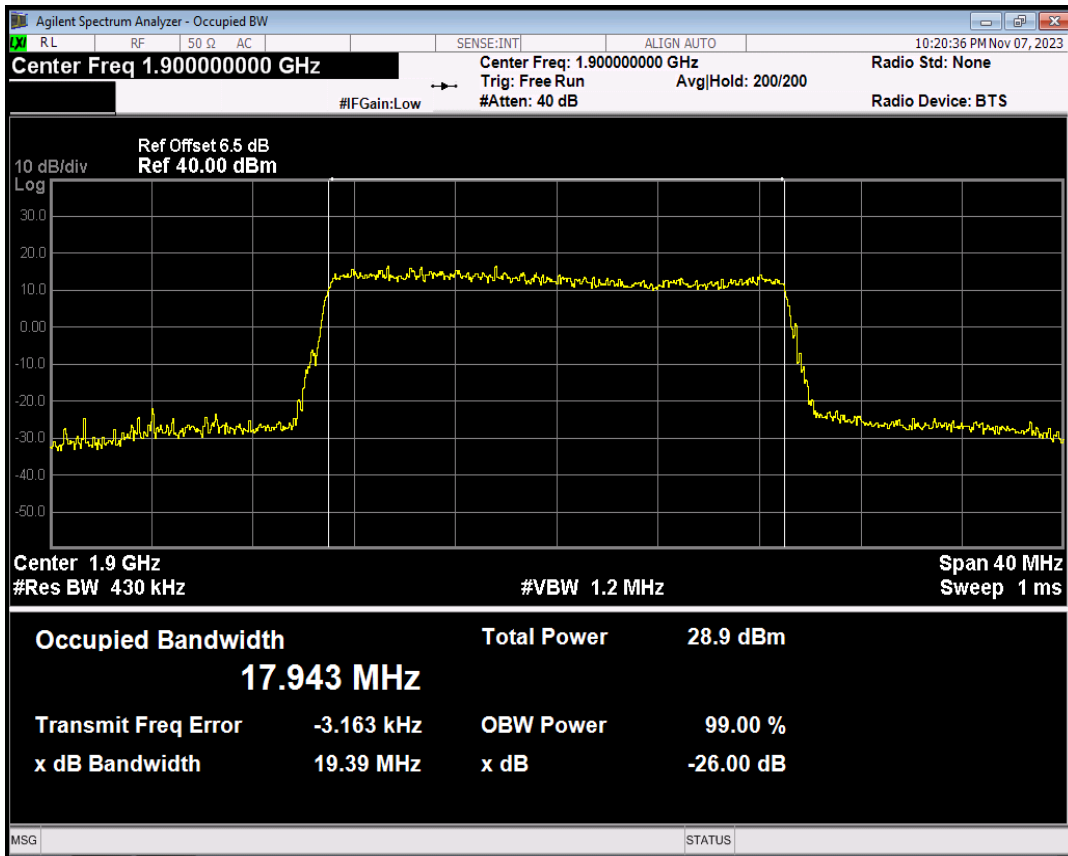
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



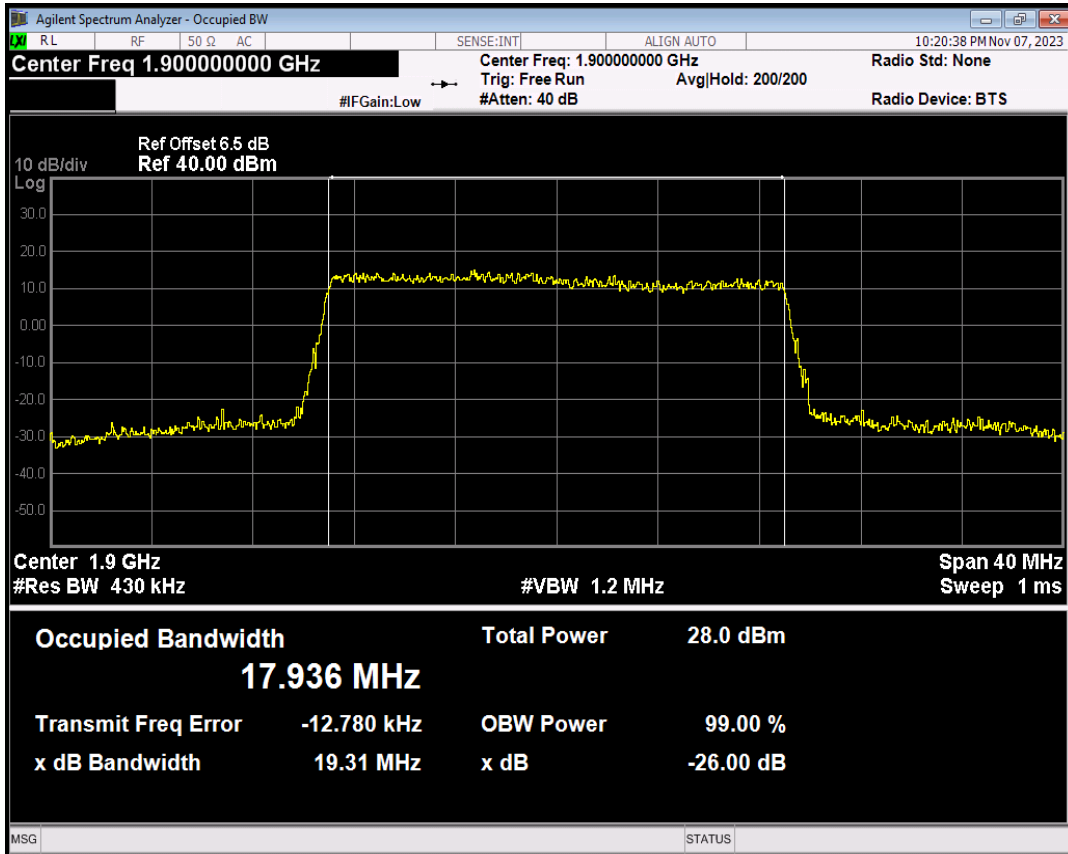
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



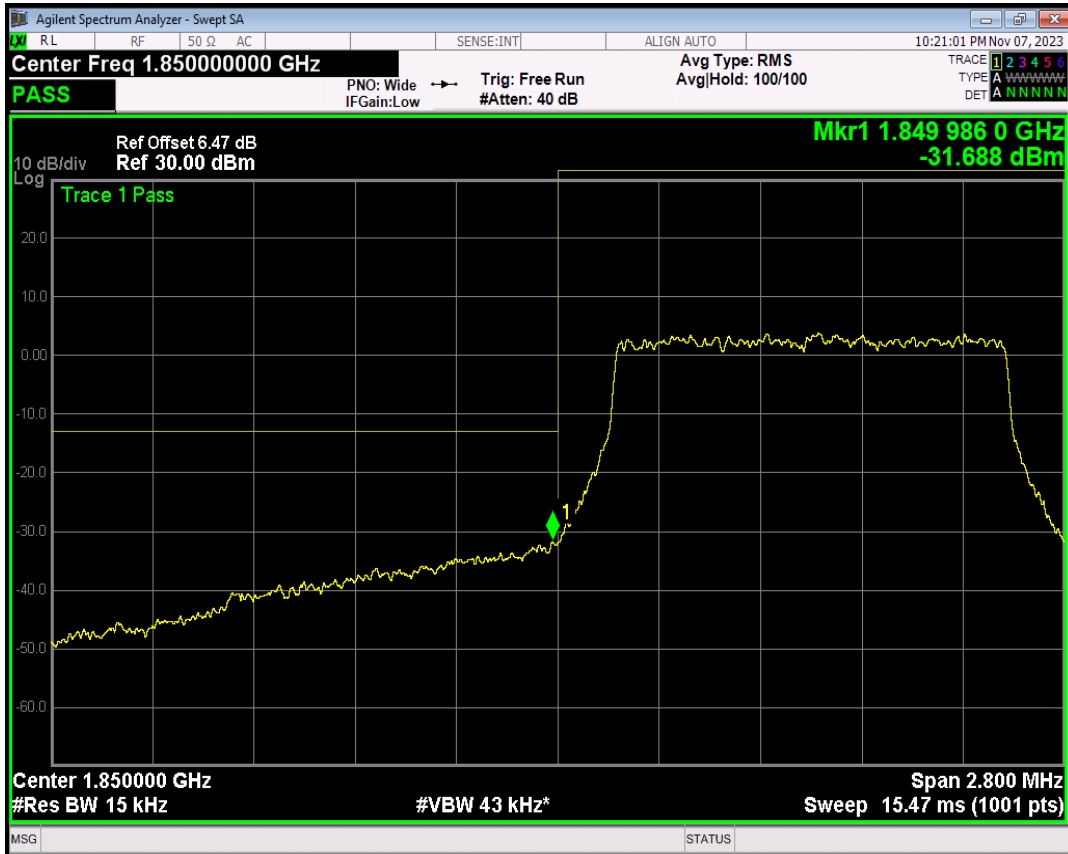
Appendix 5. Band edge

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band2 | 1.4 | 18607 | 6 | #0 | QPSK | 1850.00 | -29.30 | -13 | PASS |
| Band2 | 1.4 | 18607 | 6 | #0 | 16QAM | 1849.99 | -31.68 | -13 | PASS |
| Band2 | 1.4 | 19193 | 6 | #0 | QPSK | 1910.01 | -28.95 | -13 | PASS |
| Band2 | 1.4 | 19193 | 6 | #0 | 16QAM | 1910.01 | -30.19 | -13 | PASS |
| Band2 | 3 | 18615 | 15 | #0 | QPSK | 1849.98 | -30.93 | -13 | PASS |
| Band2 | 3 | 18615 | 15 | #0 | 16QAM | 1849.99 | -32.52 | -13 | PASS |
| Band2 | 3 | 19185 | 15 | #0 | QPSK | 1910.00 | -30.22 | -13 | PASS |
| Band2 | 3 | 19185 | 15 | #0 | 16QAM | 1910.00 | -31.39 | -13 | PASS |
| Band2 | 5 | 18625 | 25 | #0 | QPSK | 1849.98 | -30.58 | -13 | PASS |
| Band2 | 5 | 18625 | 25 | #0 | 16QAM | 1849.96 | -31.87 | -13 | PASS |
| Band2 | 5 | 19175 | 25 | #0 | QPSK | 1910.00 | -30.22 | -13 | PASS |
| Band2 | 5 | 19175 | 25 | #0 | 16QAM | 1910.00 | -30.61 | -13 | PASS |
| Band2 | 10 | 18650 | 50 | #0 | QPSK | 1850.00 | -32.58 | -13 | PASS |
| Band2 | 10 | 18650 | 50 | #0 | 16QAM | 1849.96 | -34.30 | -13 | PASS |
| Band2 | 10 | 19150 | 50 | #0 | QPSK | 1910.00 | -31.86 | -13 | PASS |
| Band2 | 10 | 19150 | 50 | #0 | 16QAM | 1910.04 | -33.51 | -13 | PASS |
| Band2 | 15 | 18675 | 75 | #0 | QPSK | 1850.00 | -35.25 | -13 | PASS |
| Band2 | 15 | 18675 | 75 | #0 | 16QAM | 1849.97 | -34.30 | -13 | PASS |
| Band2 | 15 | 19125 | 75 | #0 | QPSK | 1910.27 | -33.29 | -13 | PASS |
| Band2 | 15 | 19125 | 75 | #0 | 16QAM | 1910.00 | -34.03 | -13 | PASS |
| Band2 | 20 | 18700 | 100 | #0 | QPSK | 1850.00 | -35.18 | -13 | PASS |
| Band2 | 20 | 18700 | 100 | #0 | 16QAM | 1849.92 | -35.72 | -13 | PASS |
| Band2 | 20 | 19100 | 100 | #0 | QPSK | 1910.00 | -35.25 | -13 | PASS |
| Band2 | 20 | 19100 | 100 | #0 | 16QAM | 1910.00 | -36.19 | -13 | PASS |

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



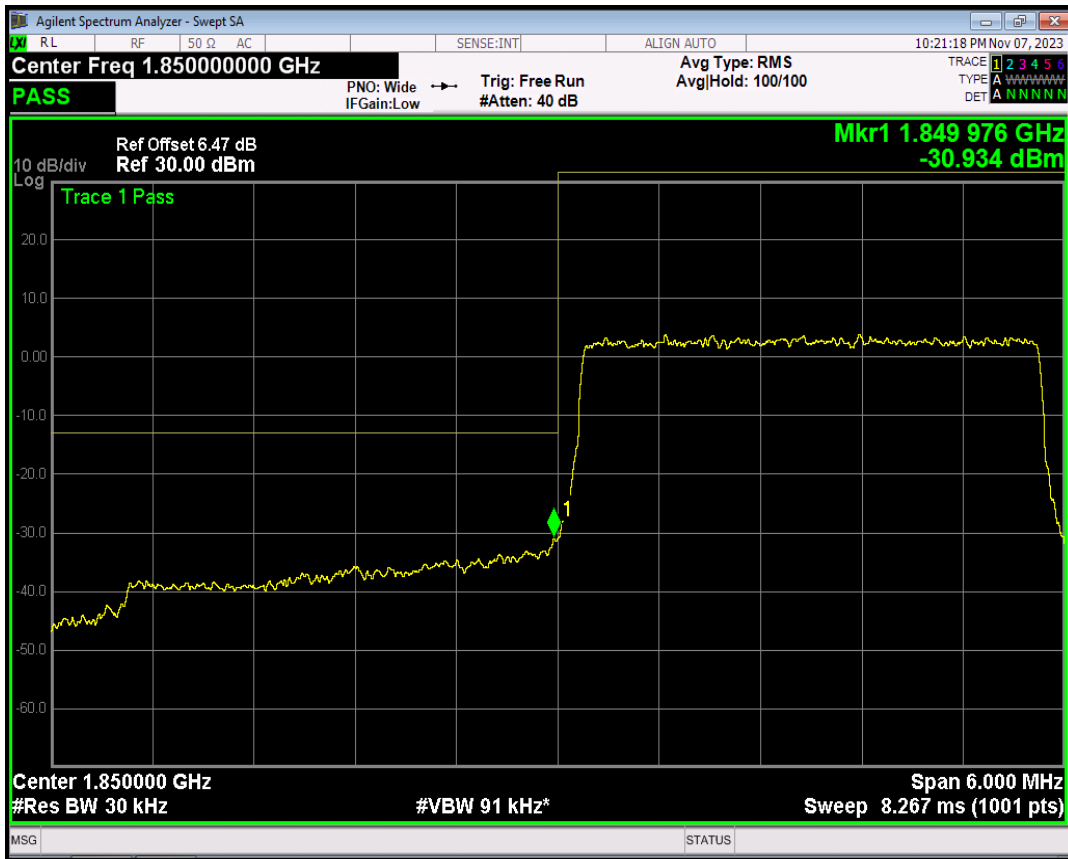
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



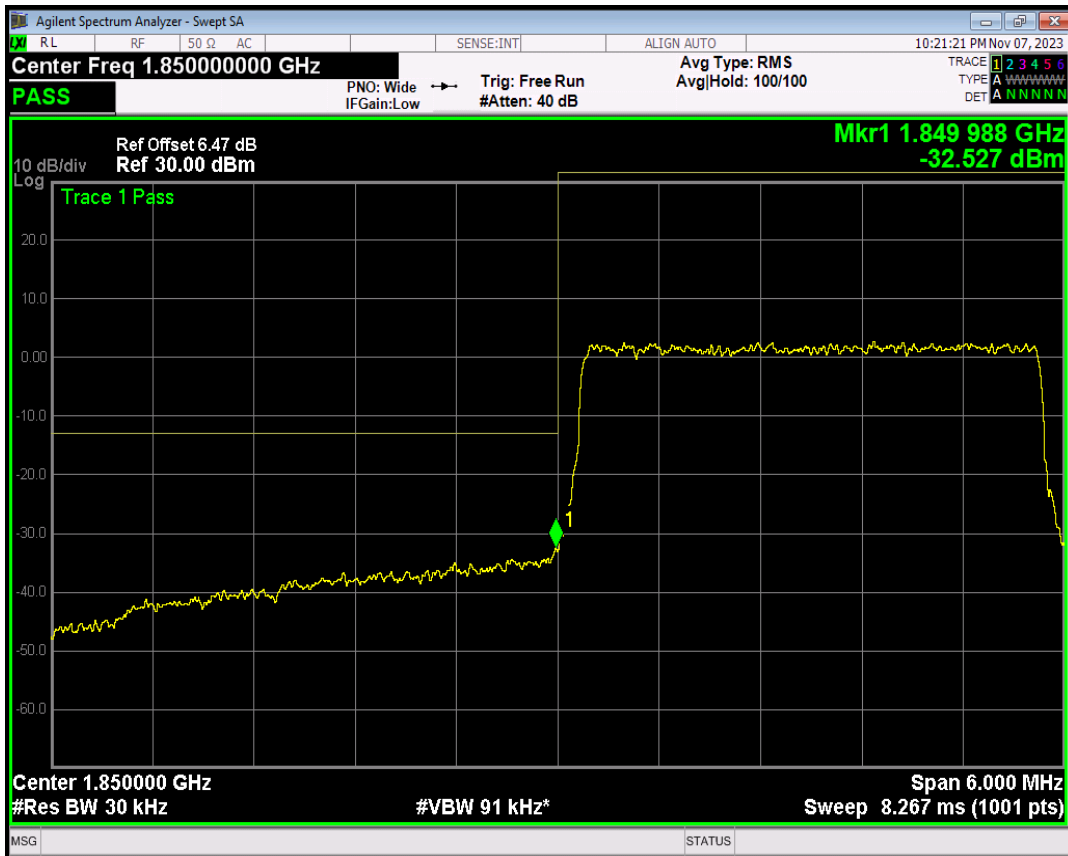
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



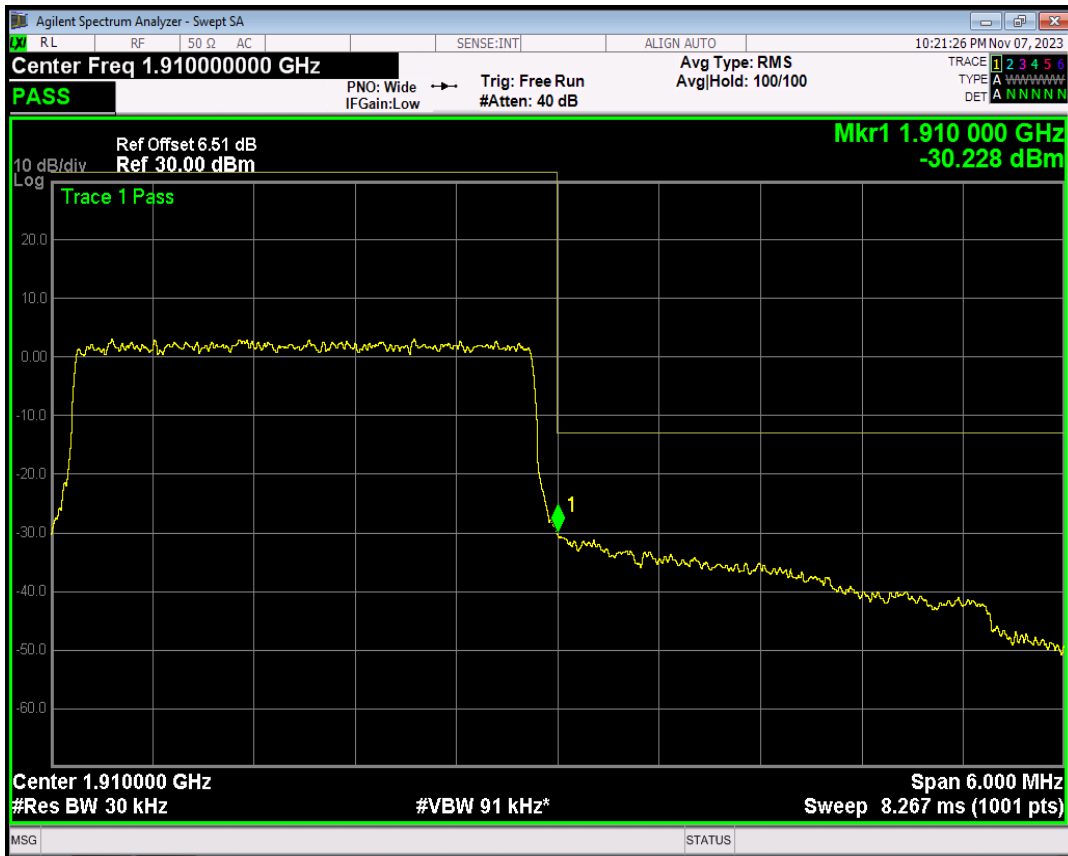
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



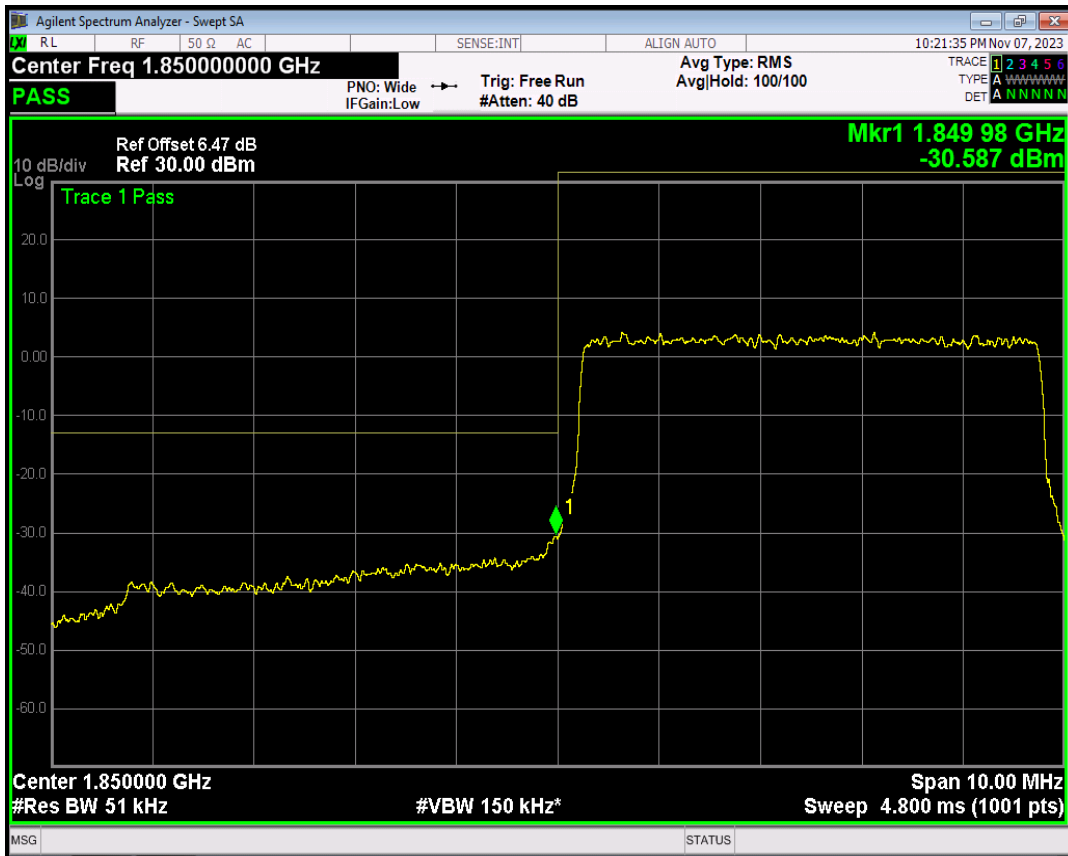
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



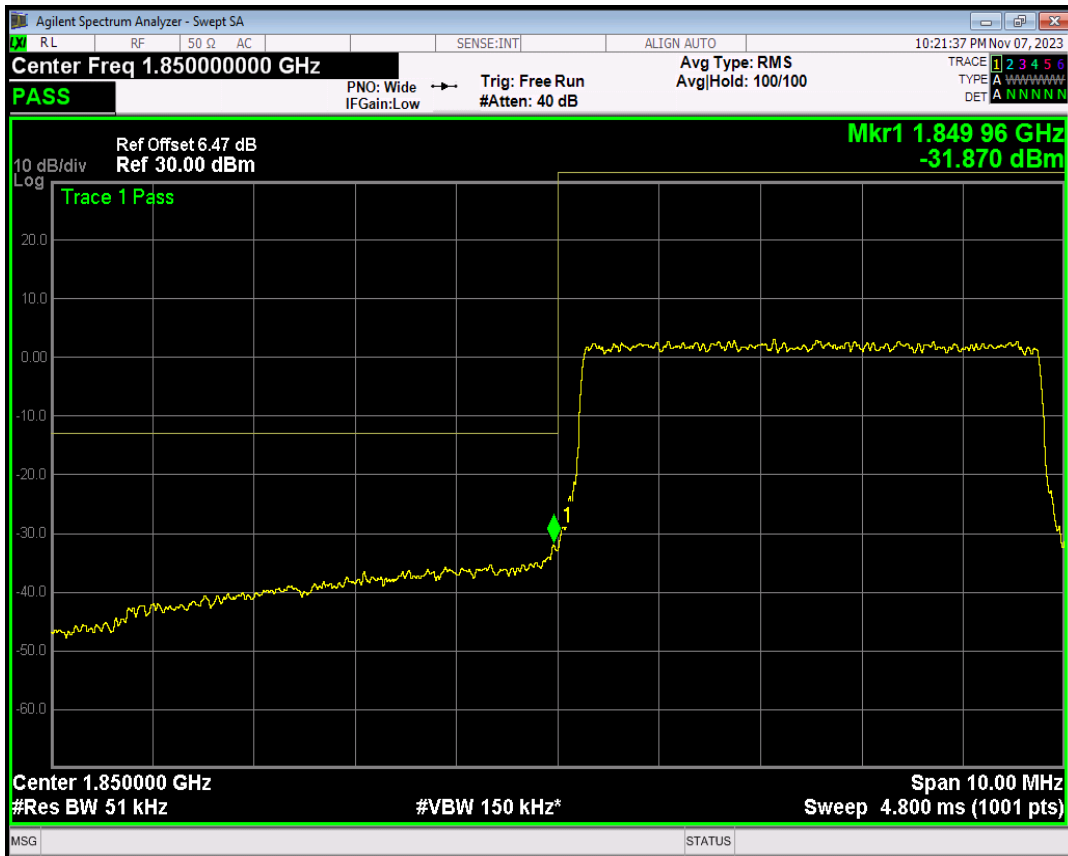
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



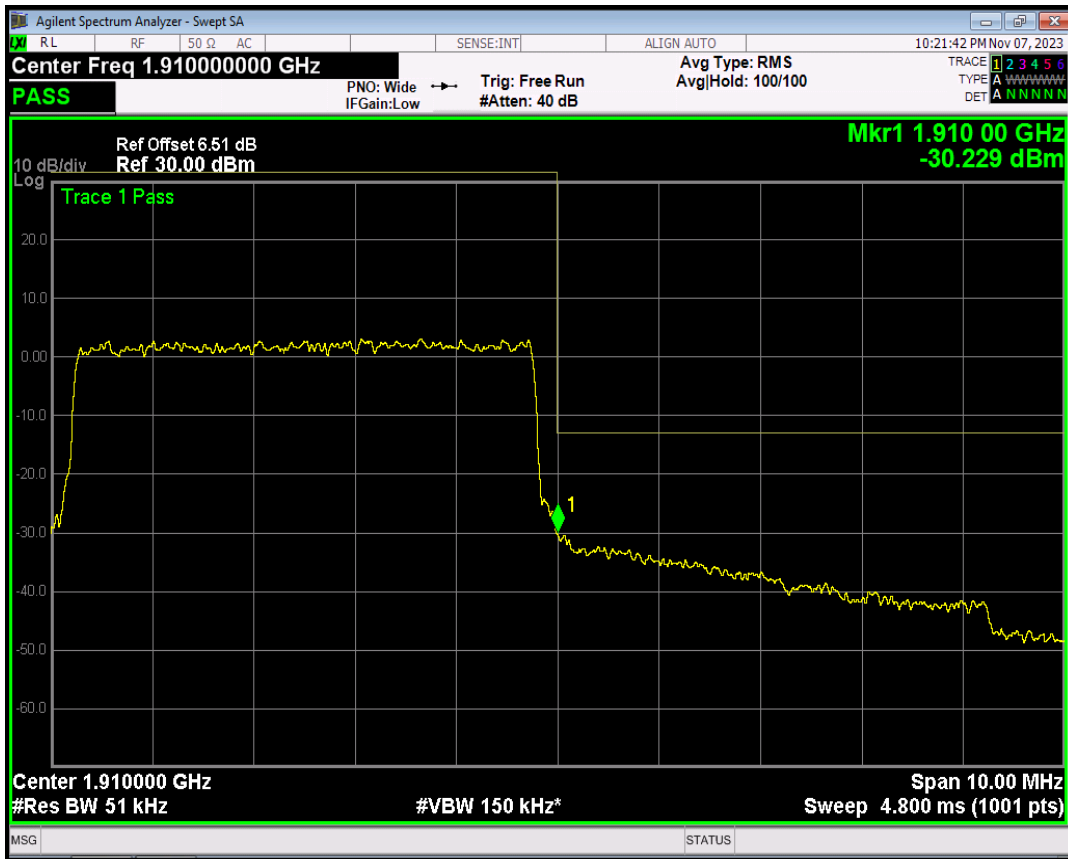
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



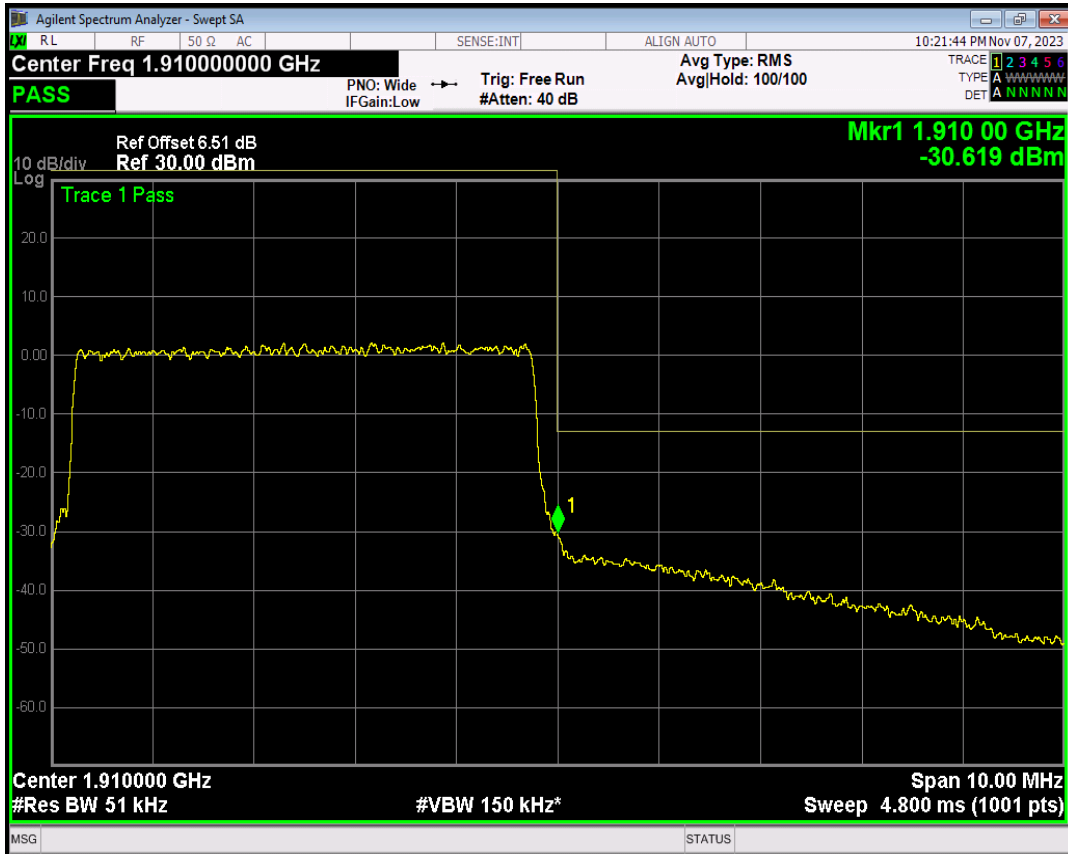
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



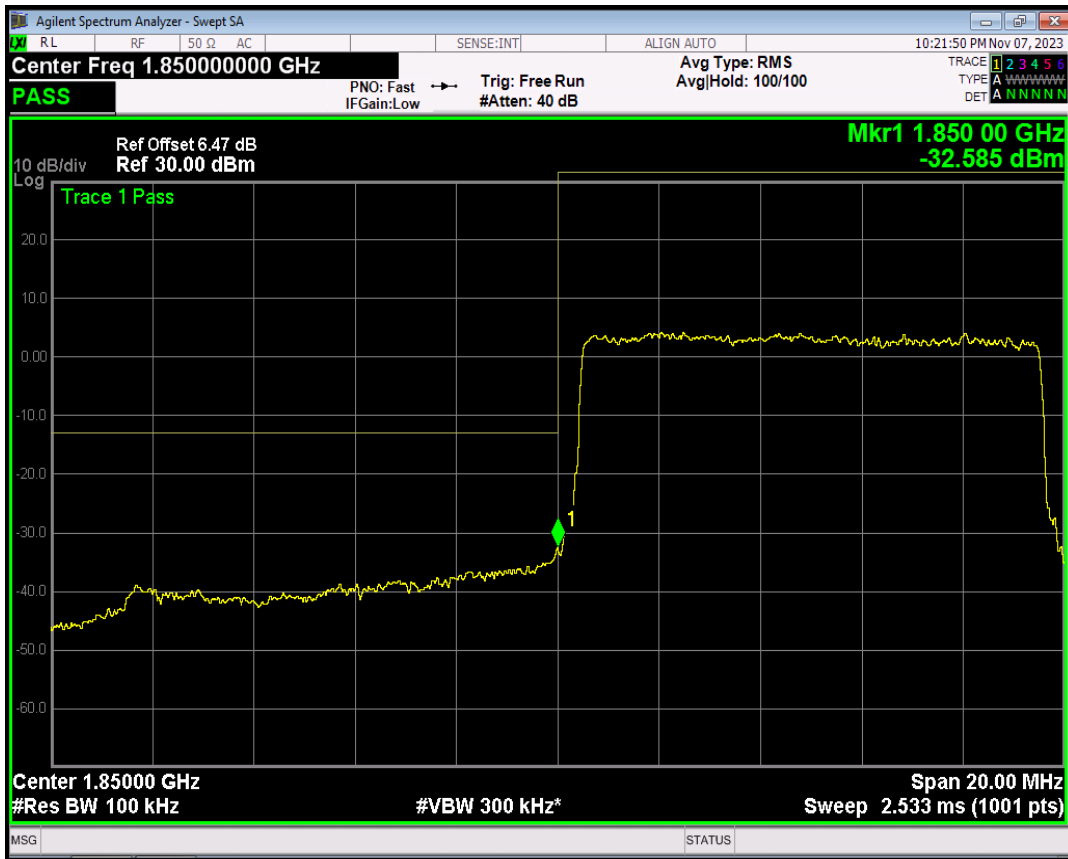
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



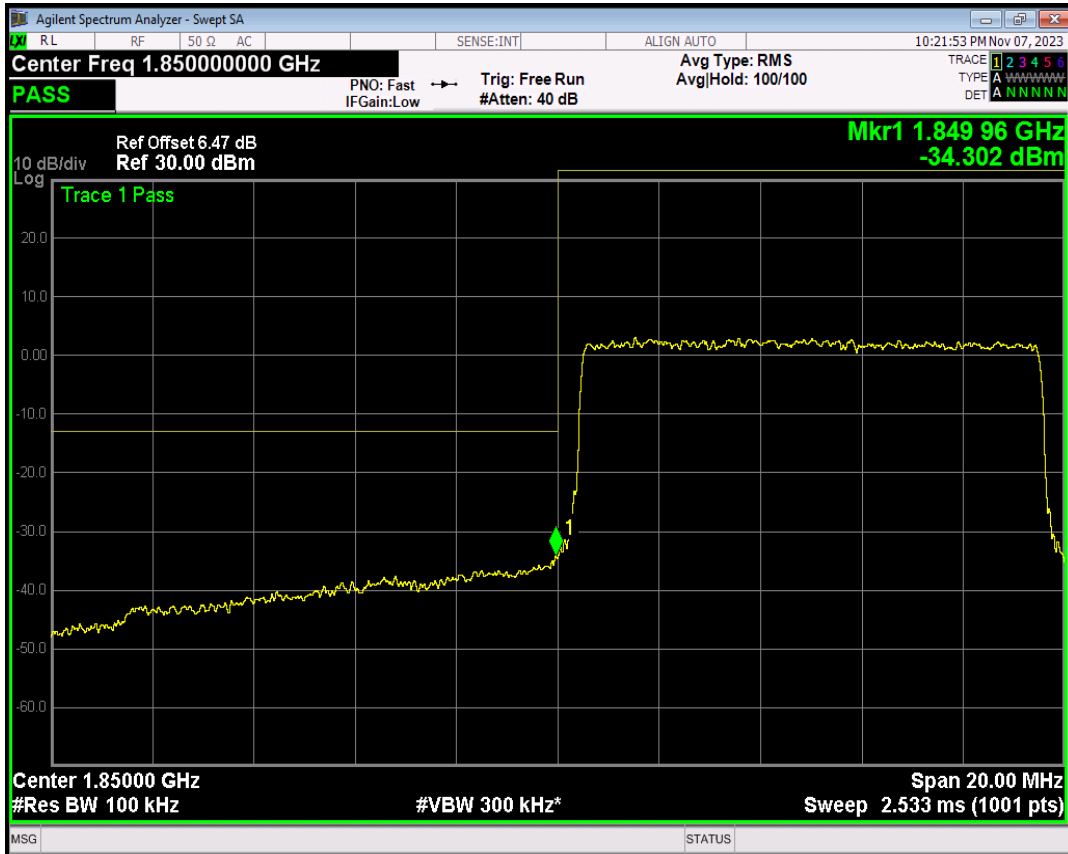
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



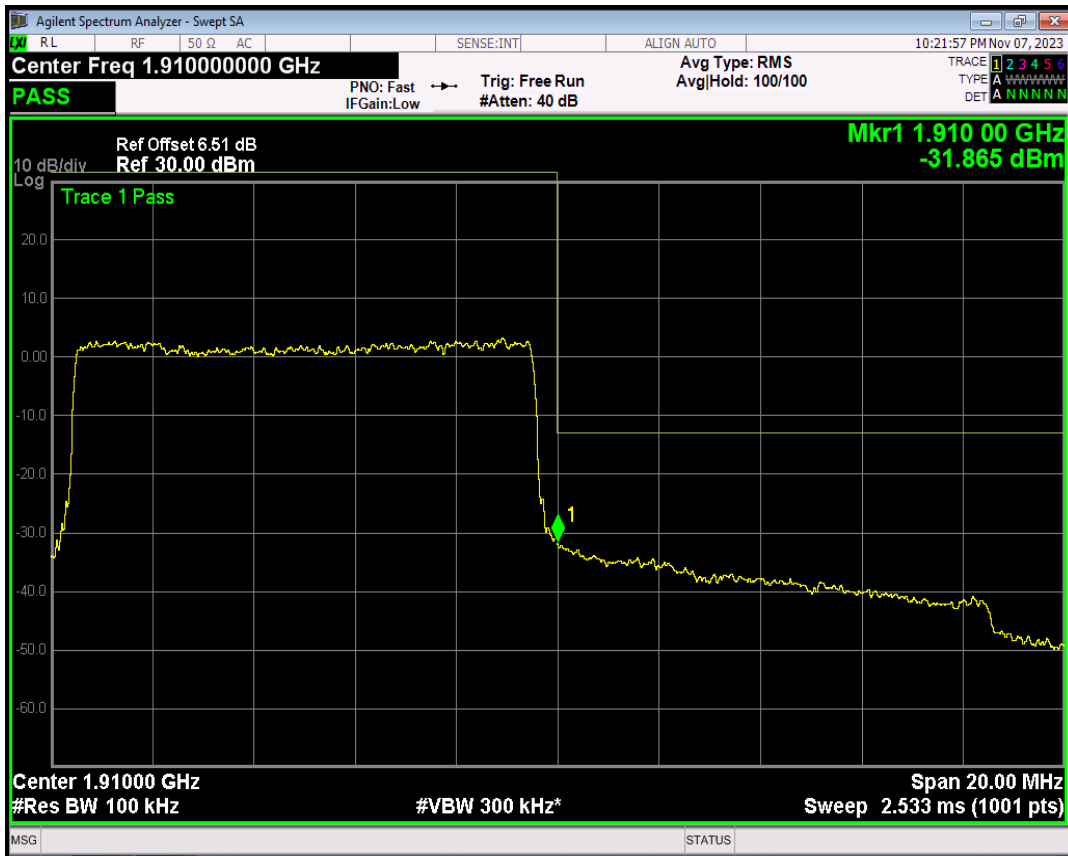
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



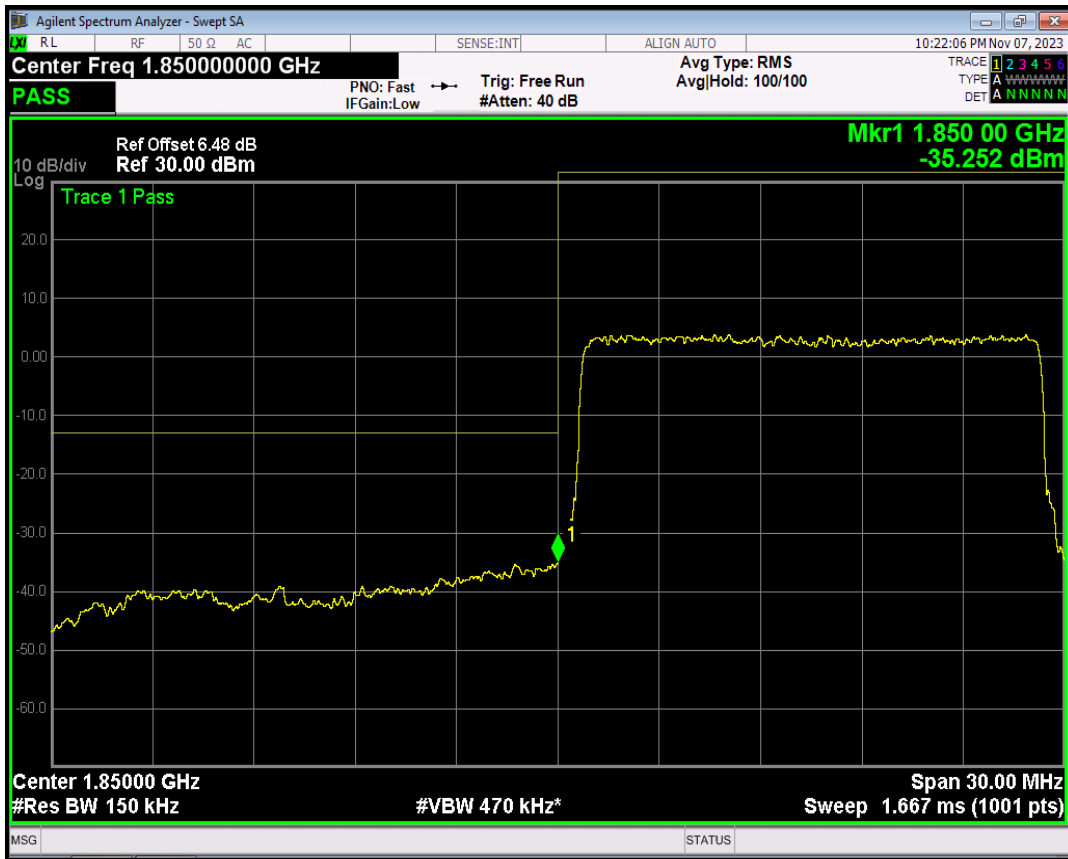
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



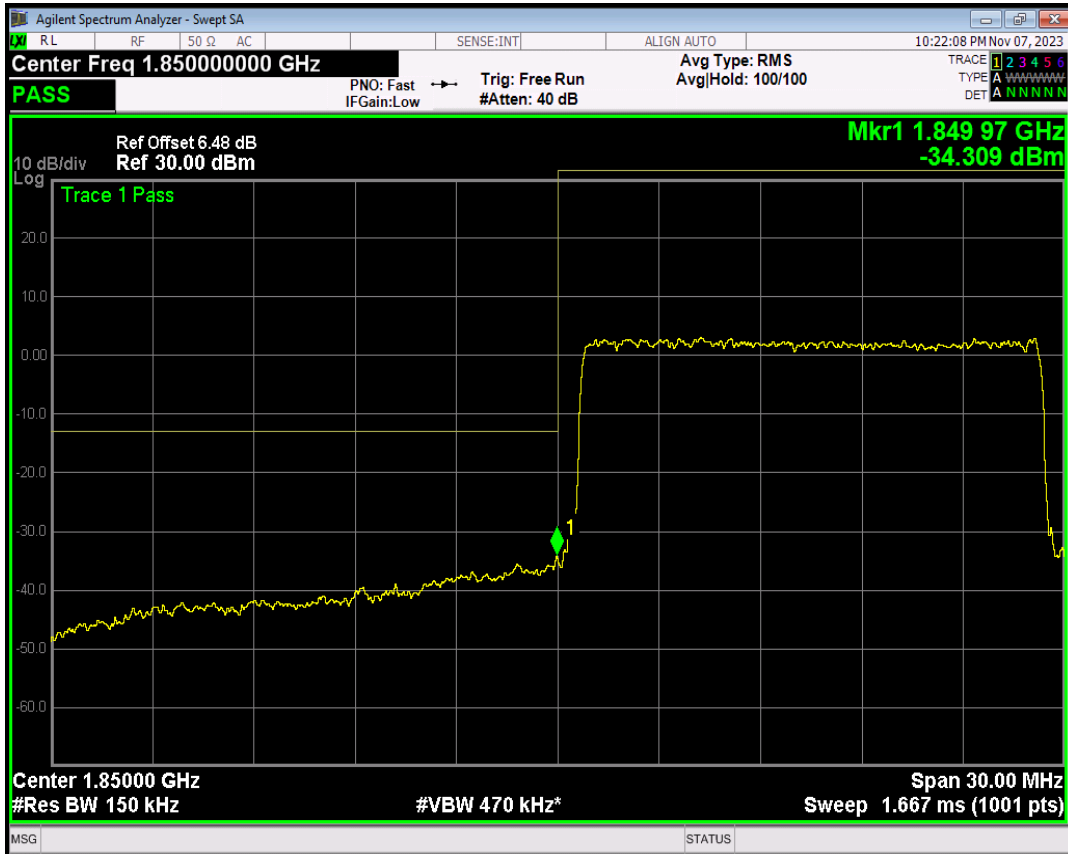
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



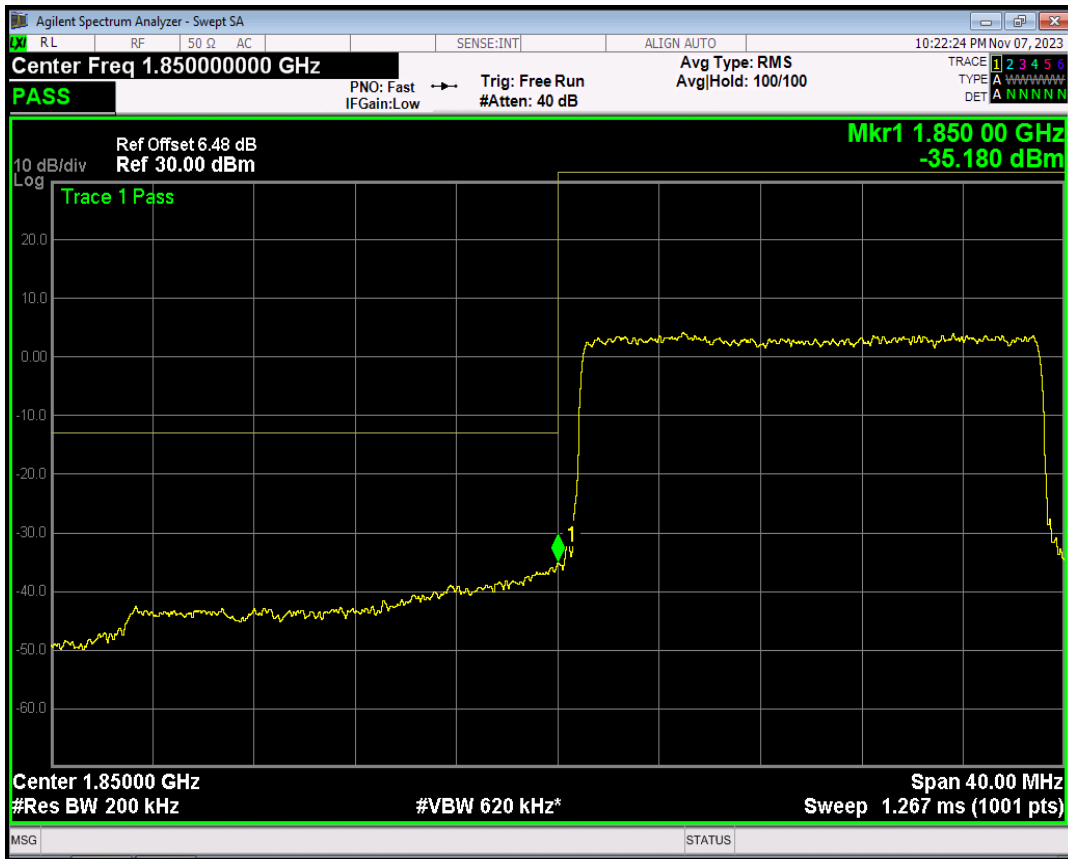
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



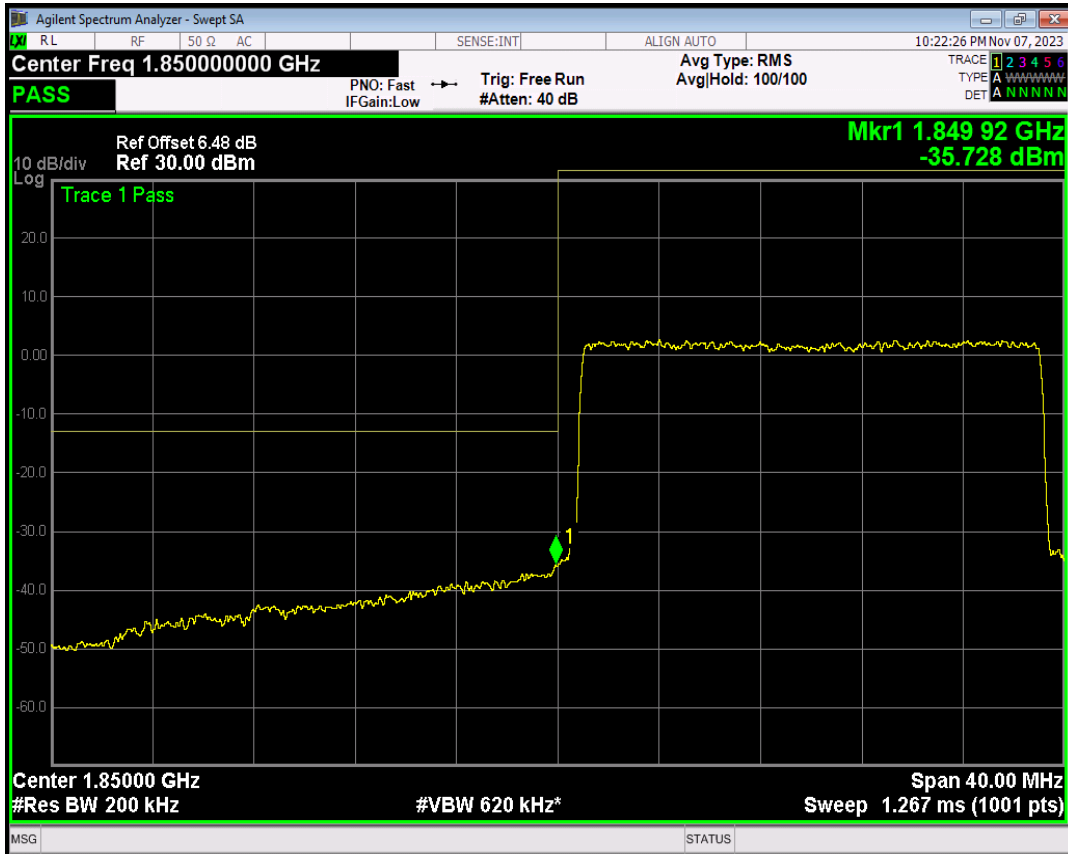
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0





Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



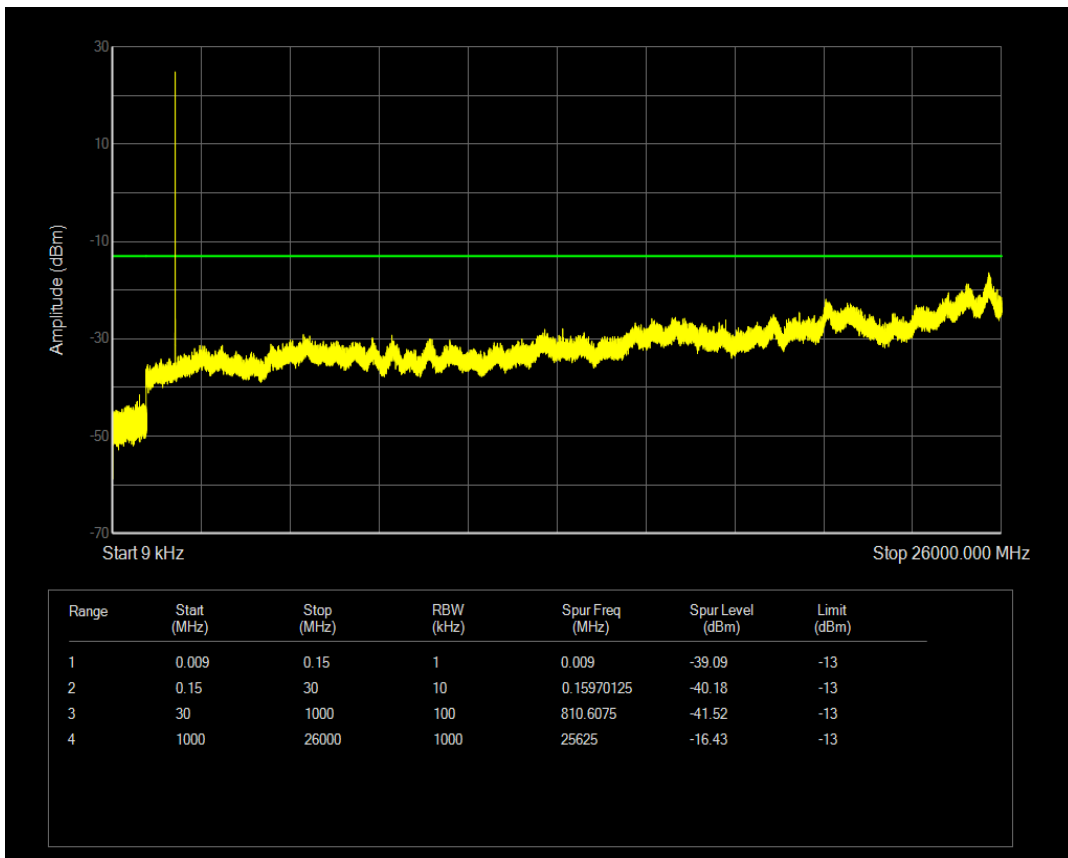
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



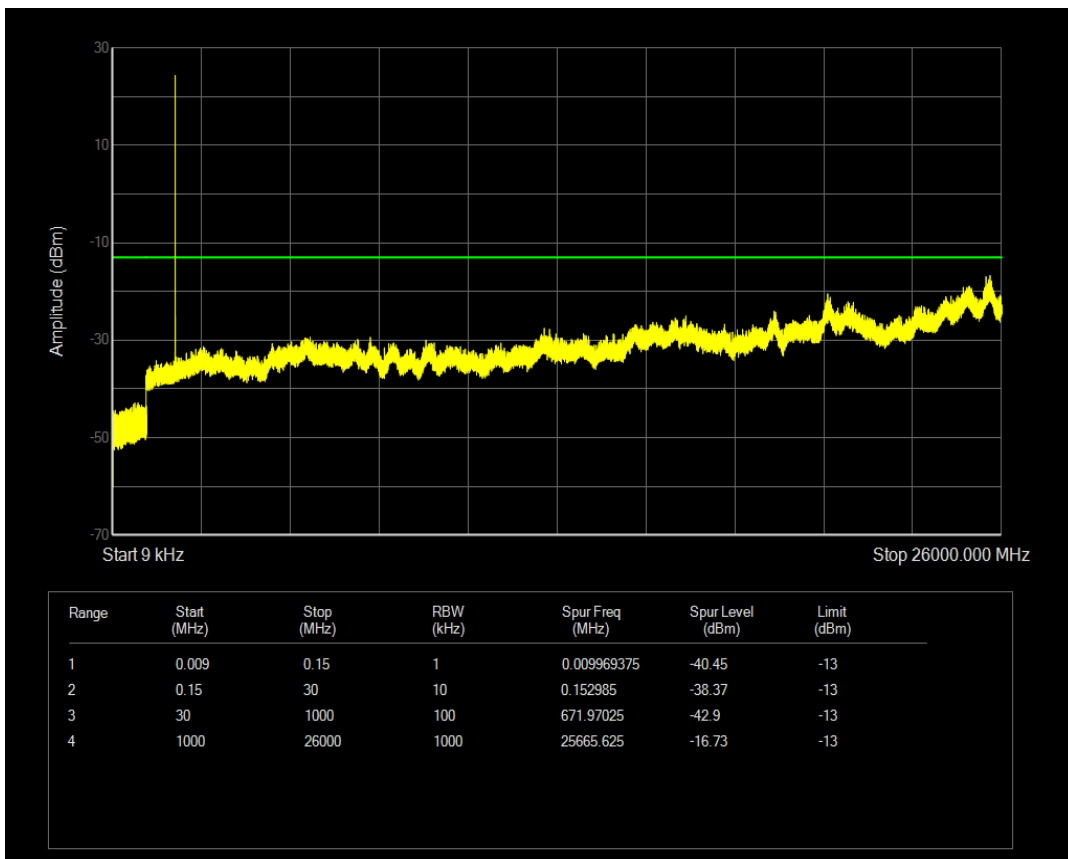
Appendix 6. Out-of-band emissions

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band2 | 1.4 | 18607 | 6 | #0 | QPSK | 25625.00 | -16.43 | -13 | PASS |
| Band2 | 1.4 | 18607 | 6 | #0 | 16QAM | 25665.63 | -16.73 | -13 | PASS |
| Band2 | 1.4 | 18900 | 6 | #0 | QPSK | 25586.25 | -17.83 | -13 | PASS |
| Band2 | 1.4 | 18900 | 6 | #0 | 16QAM | 25671.88 | -17.96 | -13 | PASS |
| Band2 | 1.4 | 19193 | 6 | #0 | QPSK | 25638.13 | -15.70 | -13 | PASS |
| Band2 | 1.4 | 19193 | 6 | #0 | 16QAM | 25655.63 | -16.86 | -13 | PASS |
| Band2 | 3 | 18615 | 15 | #0 | QPSK | 25658.13 | -17.02 | -13 | PASS |
| Band2 | 3 | 18615 | 15 | #0 | 16QAM | 25537.50 | -18.04 | -13 | PASS |
| Band2 | 3 | 18900 | 15 | #0 | QPSK | 25606.25 | -17.30 | -13 | PASS |
| Band2 | 3 | 18900 | 15 | #0 | 16QAM | 25685.63 | -17.71 | -13 | PASS |
| Band2 | 3 | 19185 | 15 | #0 | QPSK | 25676.25 | -17.69 | -13 | PASS |
| Band2 | 3 | 19185 | 15 | #0 | 16QAM | 25699.38 | -17.78 | -13 | PASS |
| Band2 | 5 | 18625 | 25 | #0 | QPSK | 25653.13 | -17.29 | -13 | PASS |
| Band2 | 5 | 18625 | 25 | #0 | 16QAM | 25595.00 | -17.44 | -13 | PASS |
| Band2 | 5 | 18900 | 25 | #0 | QPSK | 25628.13 | -17.38 | -13 | PASS |
| Band2 | 5 | 18900 | 25 | #0 | 16QAM | 25622.50 | -17.20 | -13 | PASS |
| Band2 | 5 | 19175 | 25 | #0 | QPSK | 25572.50 | -17.37 | -13 | PASS |
| Band2 | 5 | 19175 | 25 | #0 | 16QAM | 25647.50 | -17.19 | -13 | PASS |
| Band2 | 10 | 18650 | 50 | #0 | QPSK | 25612.50 | -17.39 | -13 | PASS |
| Band2 | 10 | 18650 | 50 | #0 | 16QAM | 25645.63 | -17.48 | -13 | PASS |
| Band2 | 10 | 18900 | 50 | #0 | QPSK | 25626.88 | -17.10 | -13 | PASS |
| Band2 | 10 | 18900 | 50 | #0 | 16QAM | 25654.38 | -16.98 | -13 | PASS |
| Band2 | 10 | 19150 | 50 | #0 | QPSK | 25621.25 | -17.91 | -13 | PASS |
| Band2 | 10 | 19150 | 50 | #0 | 16QAM | 25697.50 | -17.70 | -13 | PASS |
| Band2 | 15 | 18675 | 75 | #0 | QPSK | 25717.50 | -17.17 | -13 | PASS |
| Band2 | 15 | 18675 | 75 | #0 | 16QAM | 25708.75 | -17.07 | -13 | PASS |
| Band2 | 15 | 18900 | 75 | #0 | QPSK | 25670.00 | -17.41 | -13 | PASS |
| Band2 | 15 | 18900 | 75 | #0 | 16QAM | 25665.63 | -16.85 | -13 | PASS |
| Band2 | 15 | 19125 | 75 | #0 | QPSK | 25641.88 | -16.58 | -13 | PASS |
| Band2 | 15 | 19125 | 75 | #0 | 16QAM | 25661.88 | -16.46 | -13 | PASS |
| Band2 | 20 | 18700 | 100 | #0 | QPSK | 25625.63 | -16.85 | -13 | PASS |
| Band2 | 20 | 18700 | 100 | #0 | 16QAM | 25627.50 | -17.56 | -13 | PASS |
| Band2 | 20 | 18900 | 100 | #0 | QPSK | 25608.75 | -17.30 | -13 | PASS |
| Band2 | 20 | 18900 | 100 | #0 | 16QAM | 25646.25 | -17.07 | -13 | PASS |
| Band2 | 20 | 19100 | 100 | #0 | QPSK | 25591.25 | -16.97 | -13 | PASS |
| Band2 | 20 | 19100 | 100 | #0 | 16QAM | 25593.75 | -17.26 | -13 | PASS |

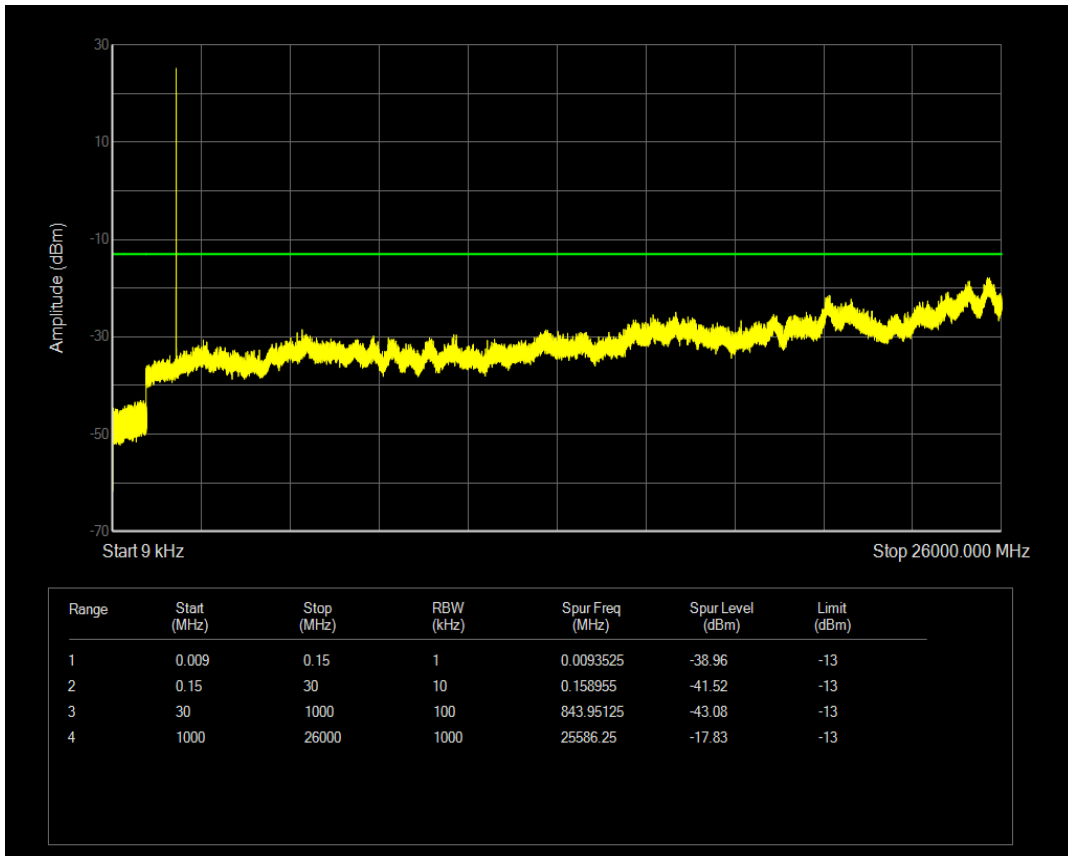
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



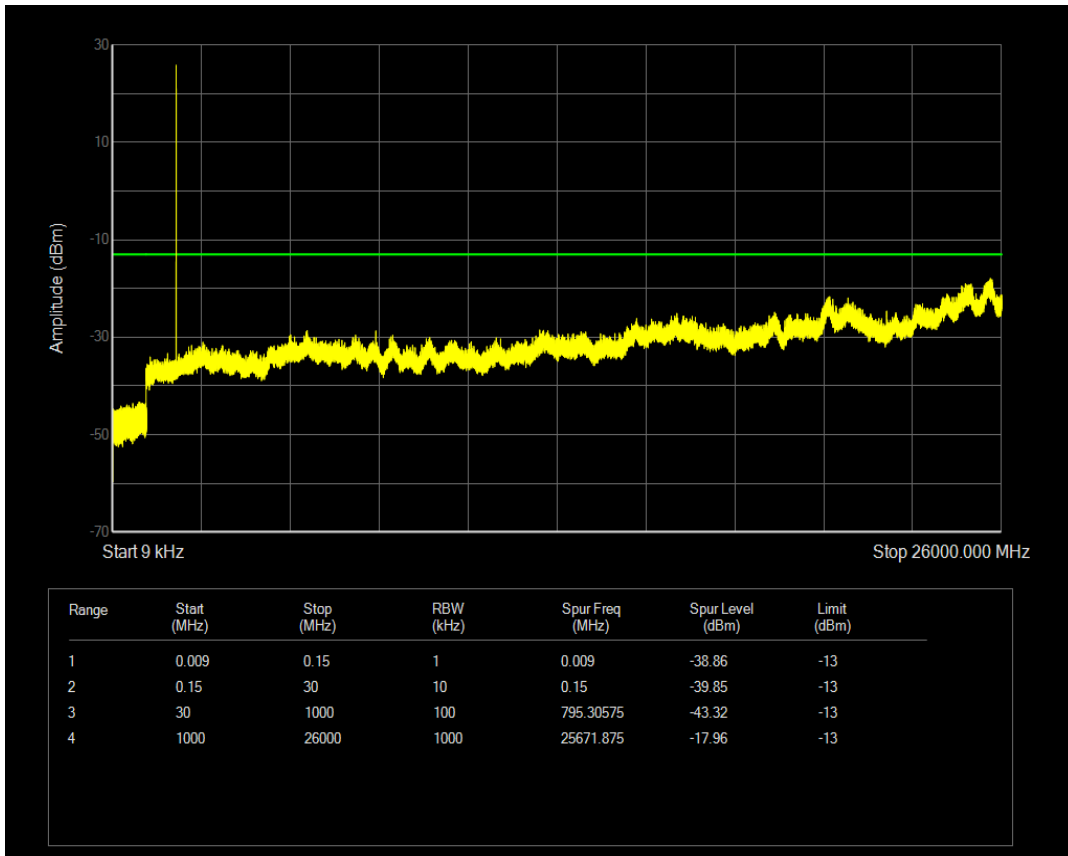
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



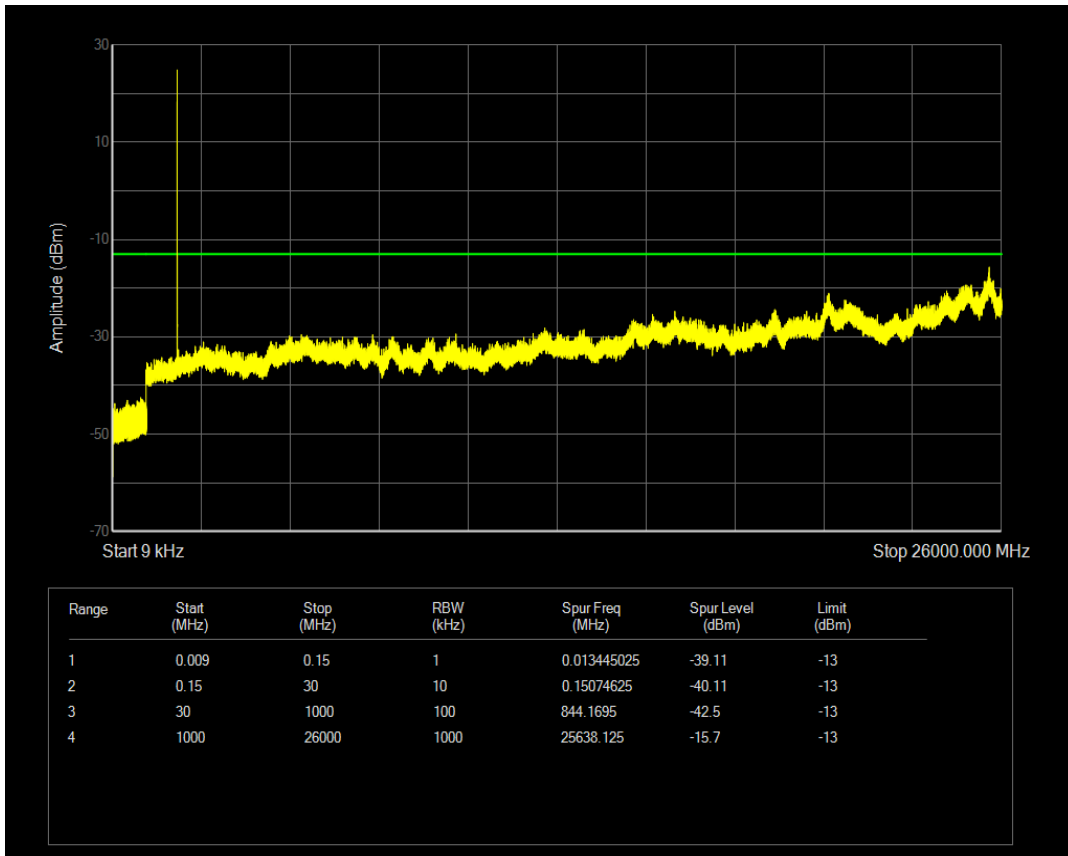
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



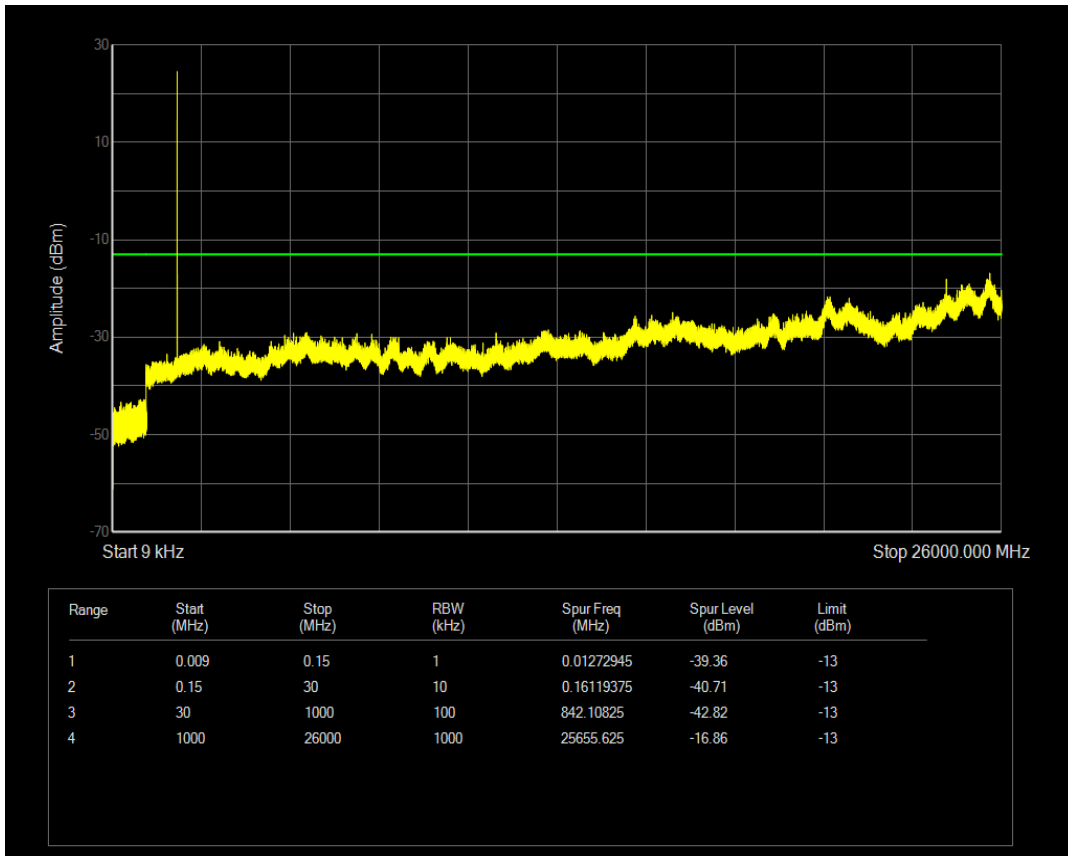
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



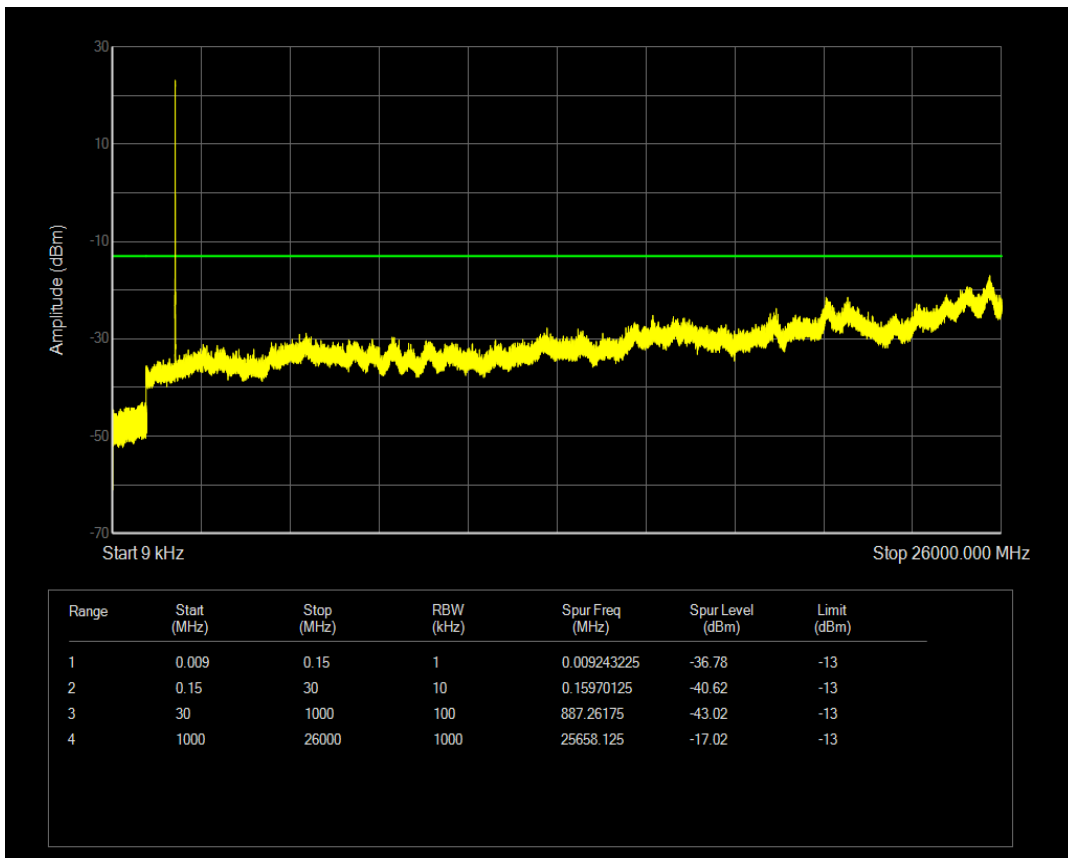
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



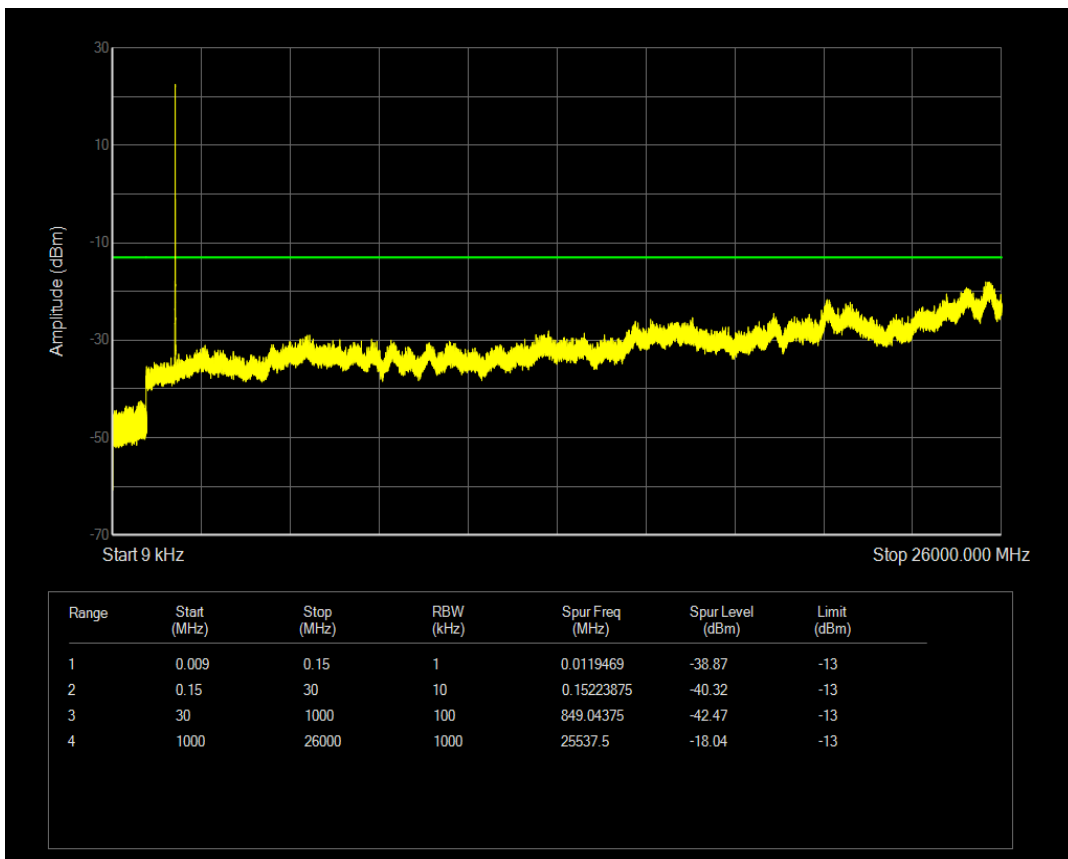
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



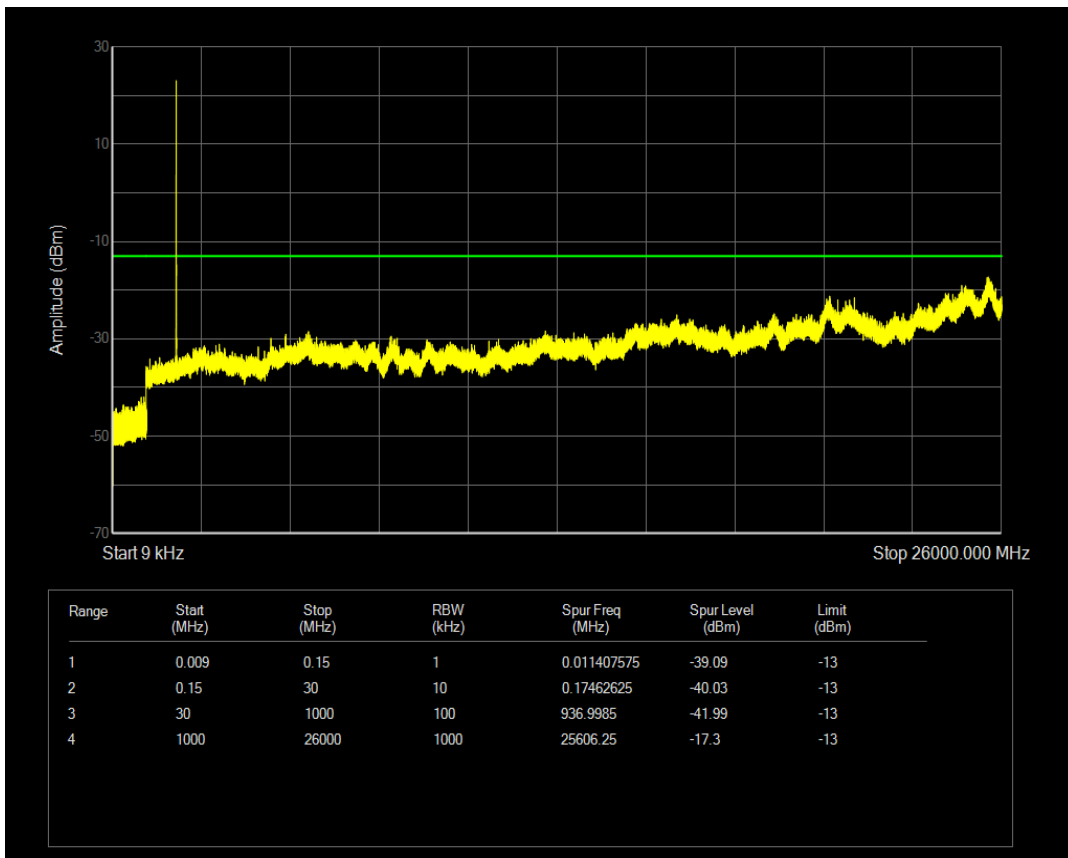
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



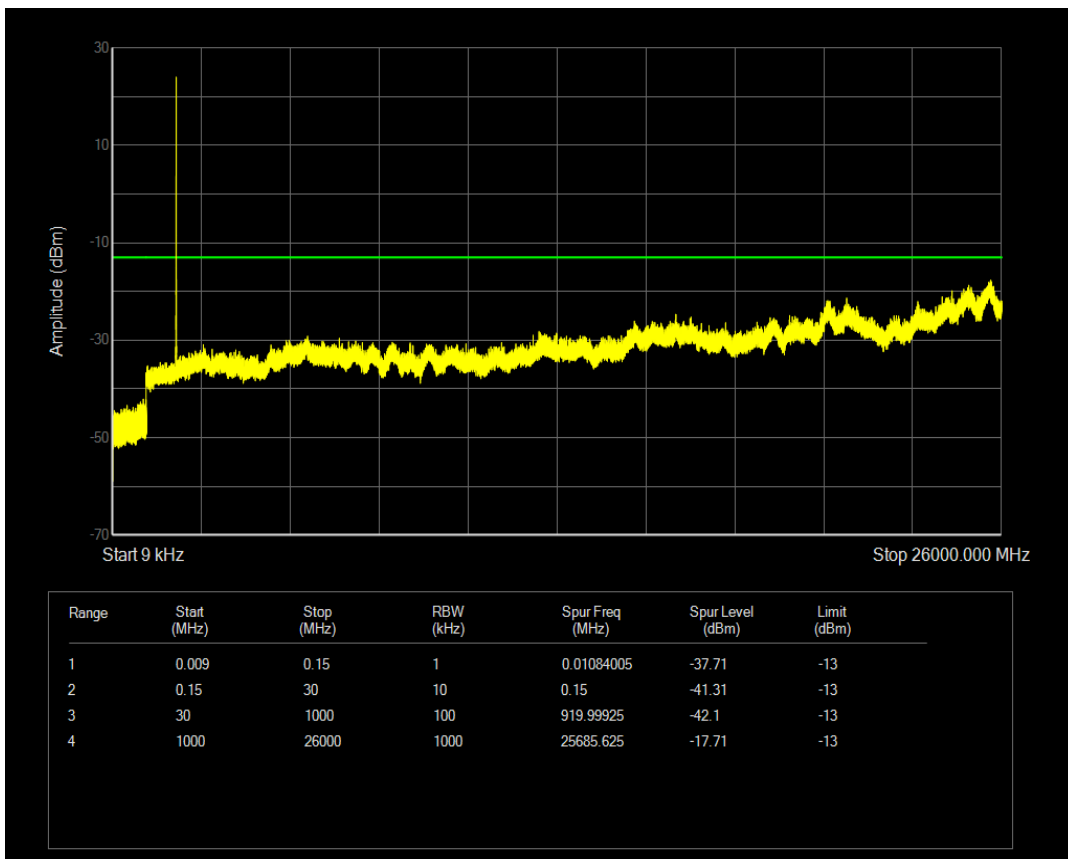
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



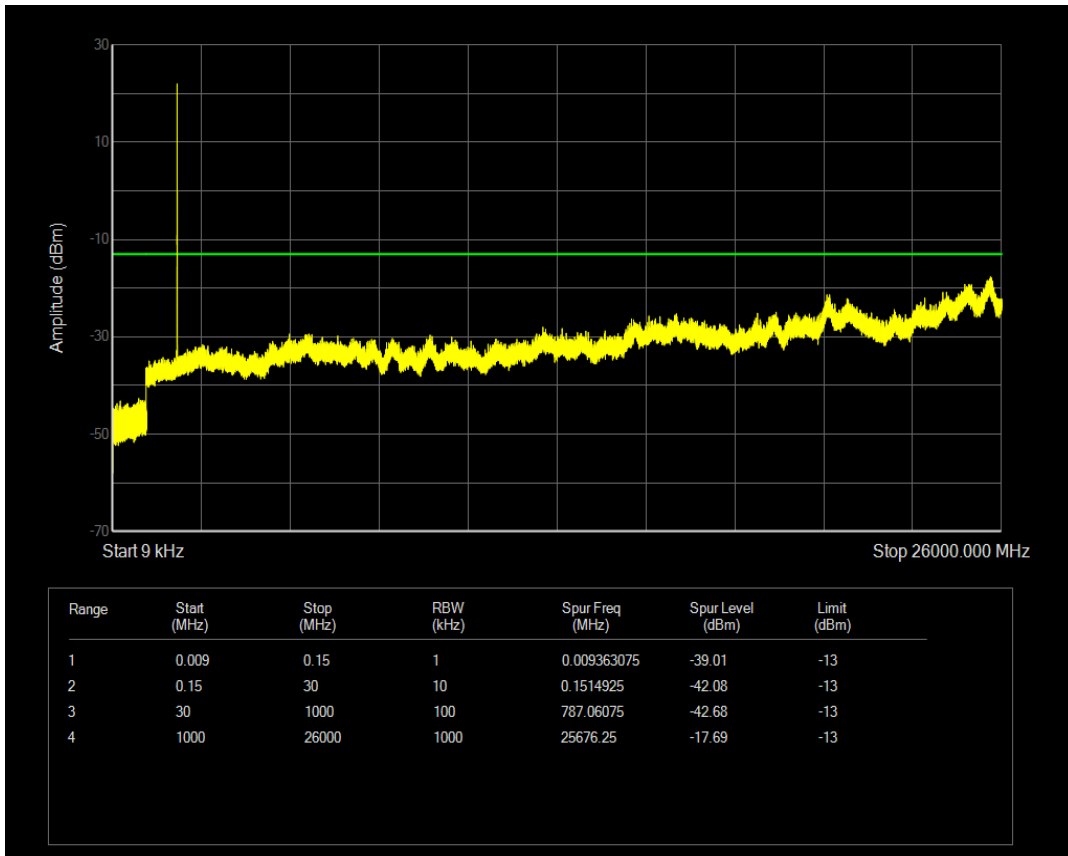
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



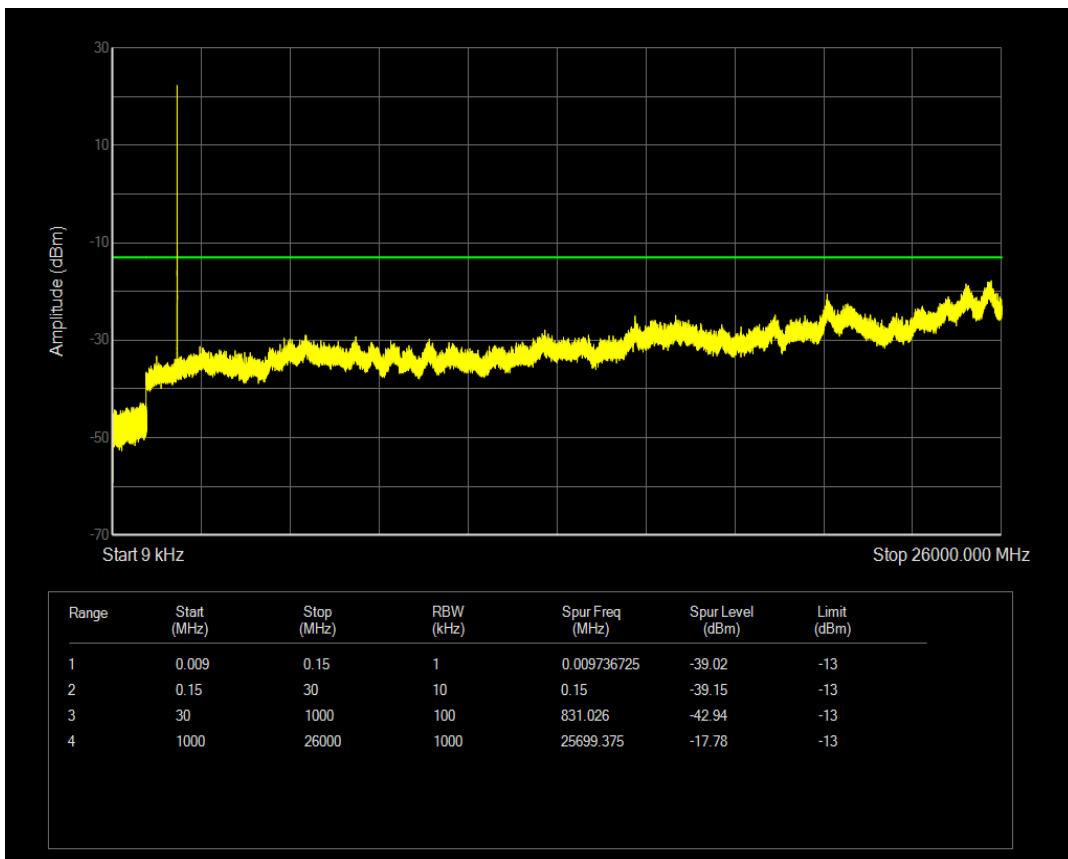
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



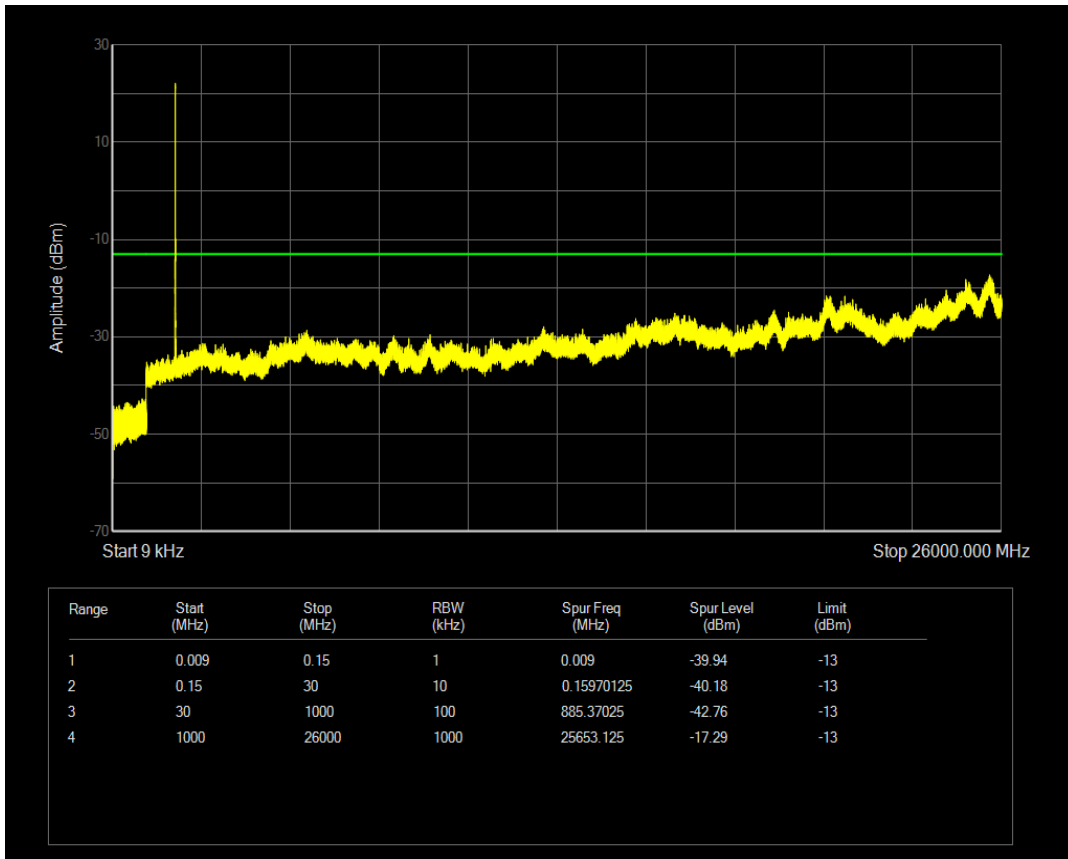
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



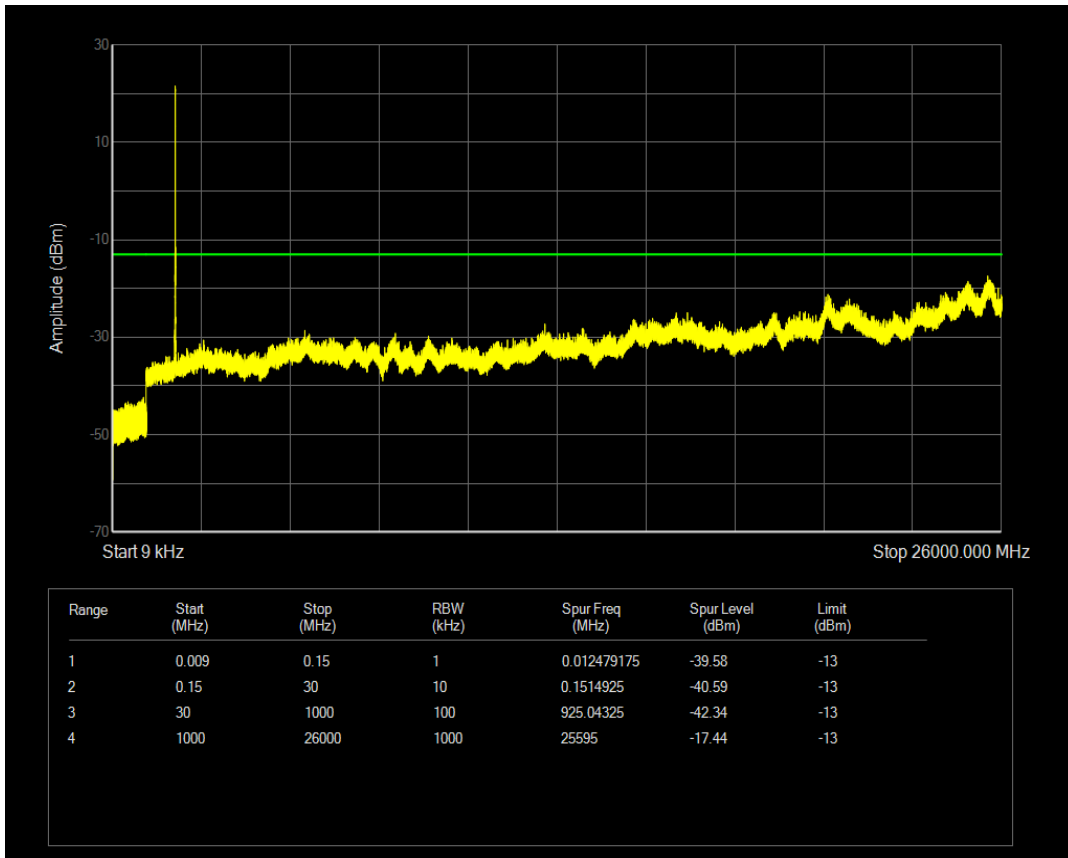
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



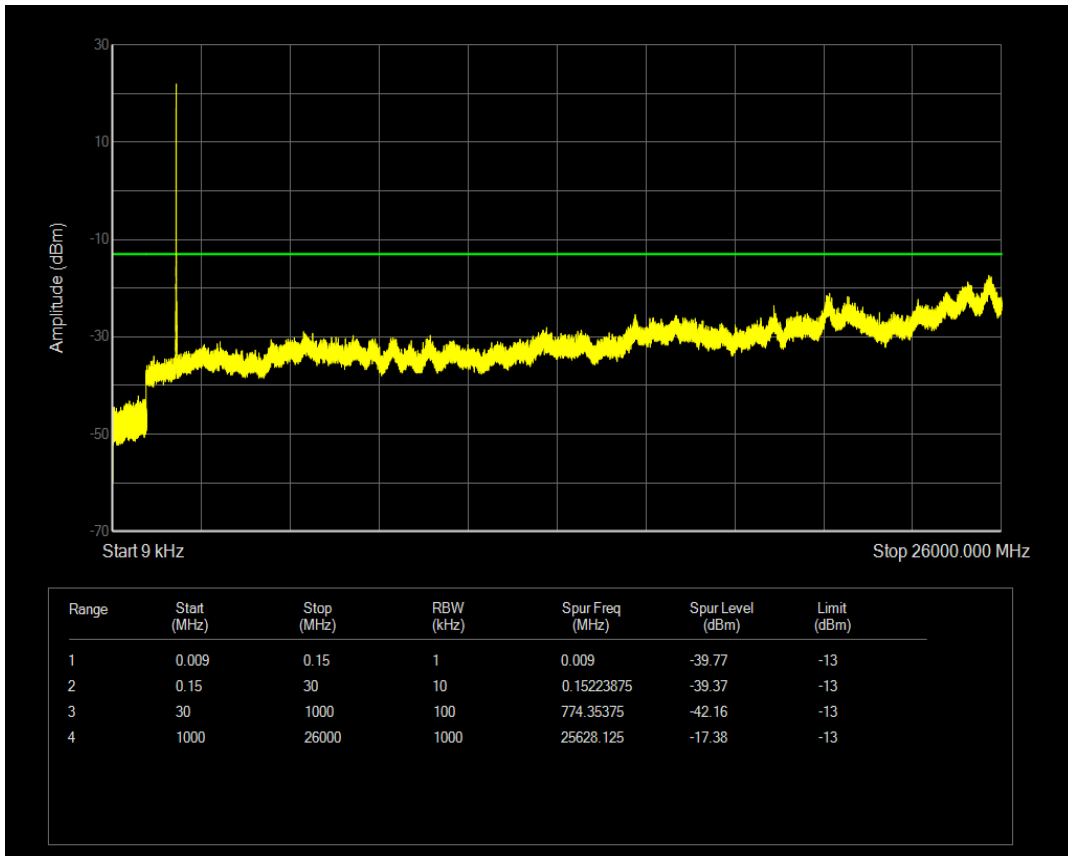
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



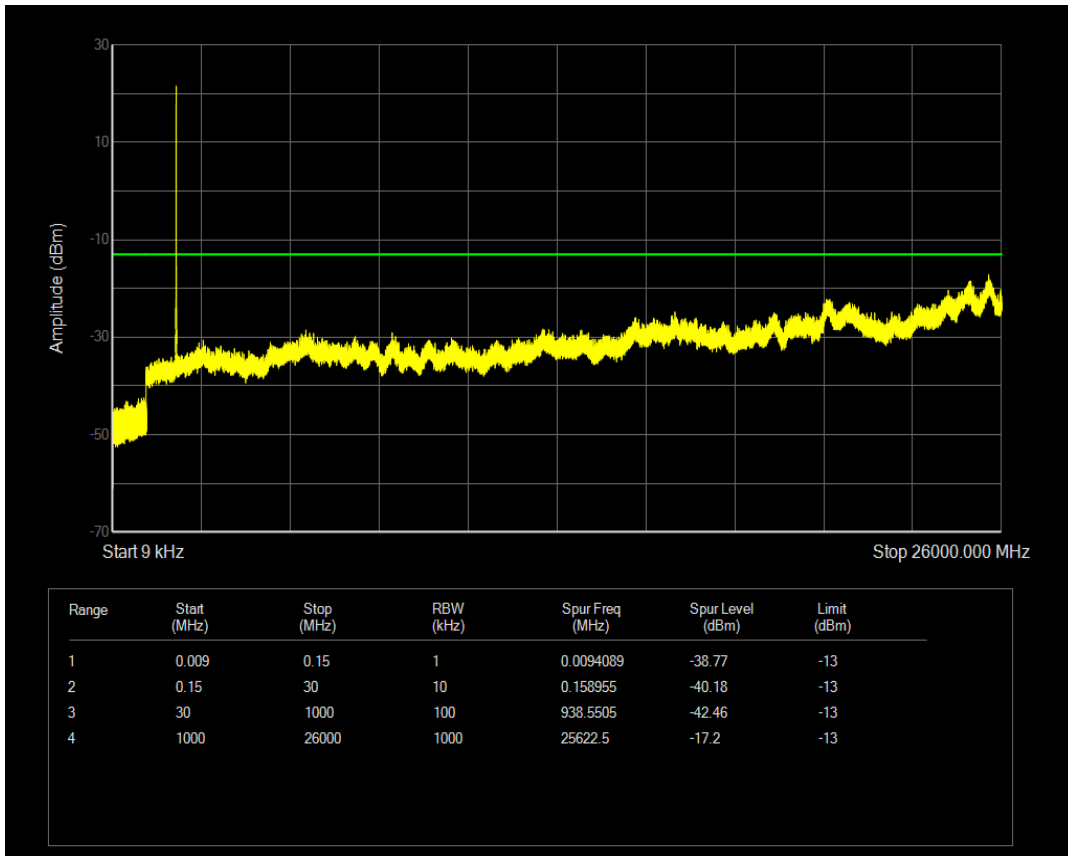
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



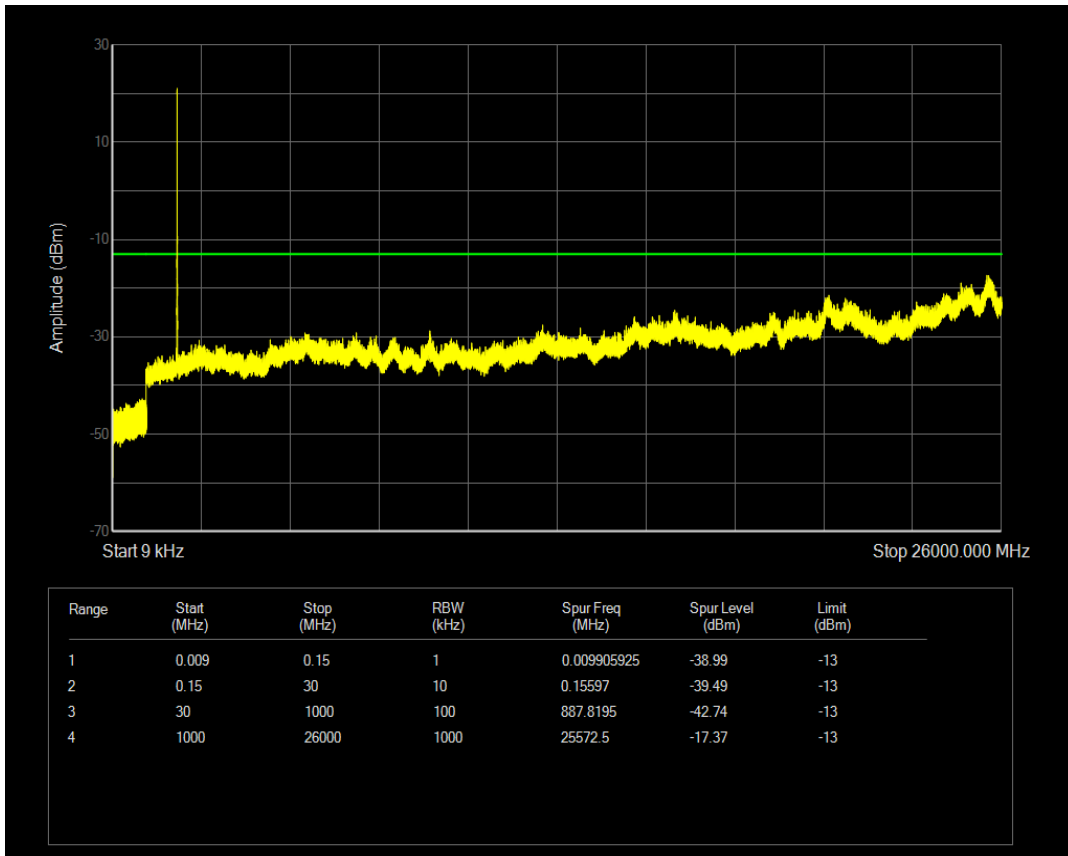
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



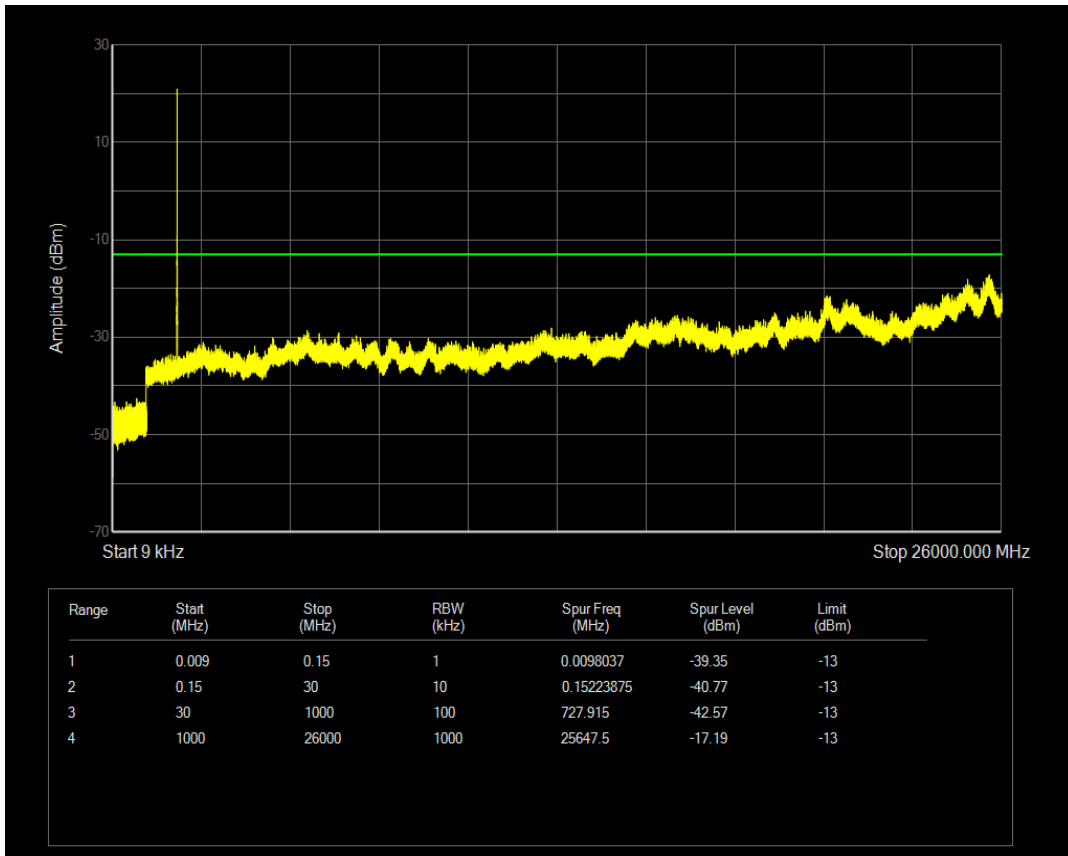
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



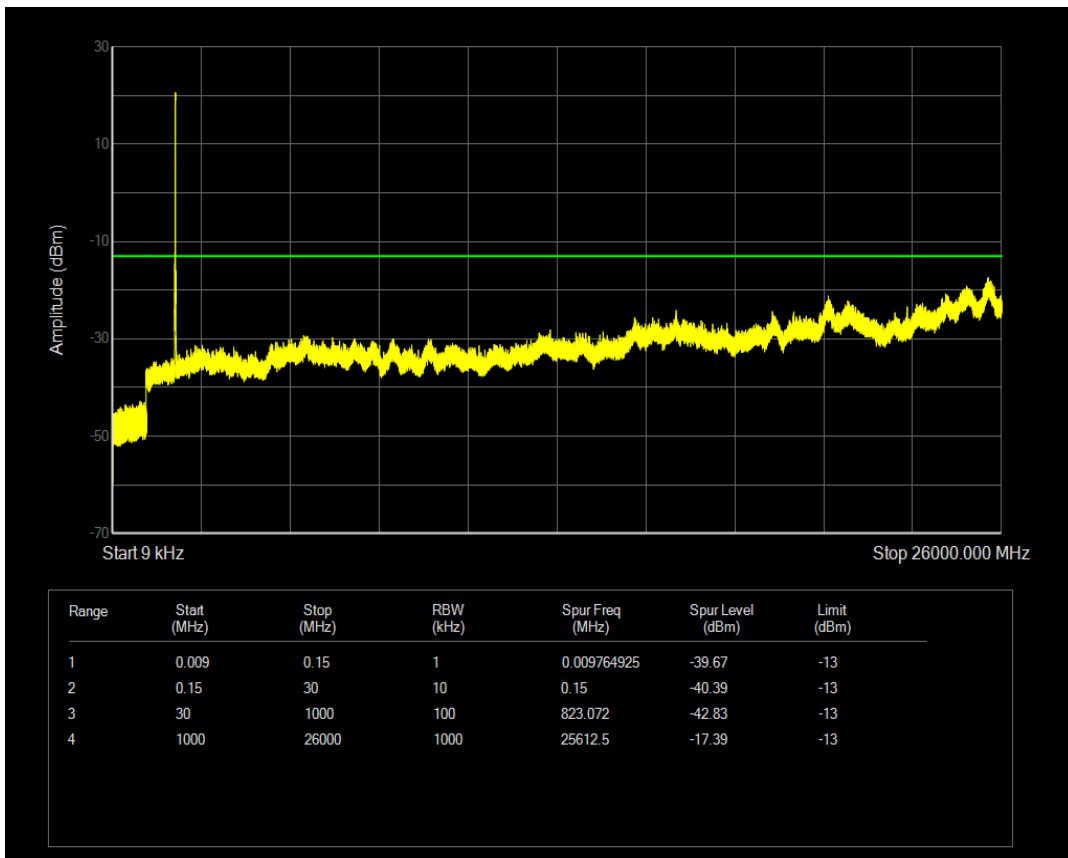
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0

